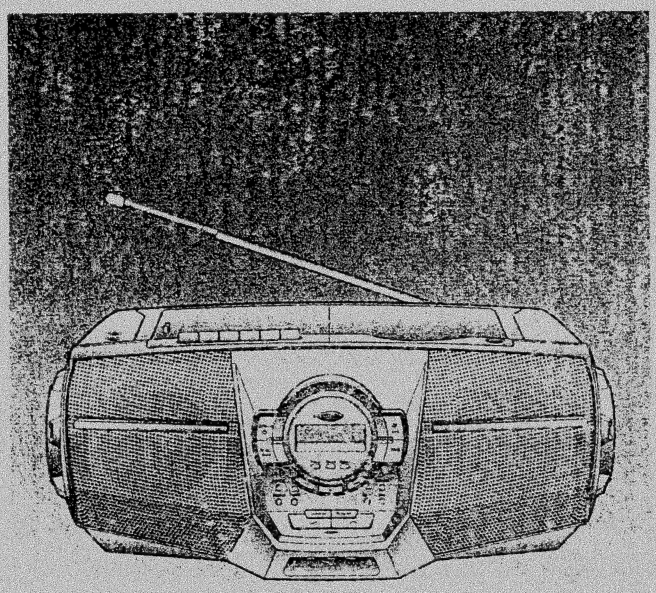
SERV. 31831

SAMSUNG

RADIO CASSETTE RECORDER
CD PLAYER
RCD-M50/M55/M50B/M55G

SERVICE Manual



1. Alignment and Adjustments
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3. Exploded Views and Parts List
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1. Precautions

Follow these safety, servicing and ESD precautions to prevent damage and protect against potential hazards such as electrical shock and X-rays.

1-1 Safety Precautions

1. Be sure that all of the built-in protective devices are replaced.

2. When reinstalling the chassis and its assemblies, be sure to restore all protective devices, including control knobs and compartment covers.

3. Make sure that there are no cabinet openings through which people--particularly children--might insert fingers and contact dangerous voltages. Such openings include the spacing between the picture tube and the cabinet mask, excessively wide cabinet ventilation slots, and improperly fitted back covers.

4. Design Alteration Warning:
   Never alter or add to the mechanical or electrical design of the unit. Example: Do not add auxiliary audio or video connectors. Such alterations might create a safety hazard. Also, any design changes or additions will void the manufacturer's warranty.

5. Leakage Current Hot Check (Figure 1-1):
   Warning: Do not use an isolation transformer during this test. Use a leakage-current tester or a metering system that complies with American National Standards Institute (ANSI C101.1, *Leakage Current for Appliances*), and Underwriters Laboratories (*UL Publication UL1410, 59.7*).

   With the unit completely reassembled, plug the AC line cord directly into a 120V AC outlet. With the unit's AC switch first in the ON position and then OFF, measure the current between a known earth ground (metal water pipe, etc.) and all exposed metal parts. Examples: Handle brackets, metal cabinets, screwheads and control shafts. The current measured should not exceed 0.5 milliamp. Reverse the power-plug prongs in the AC outlet and repeat.

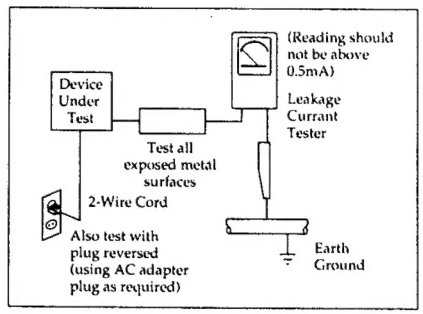


Fig. 1-1 AC Leakage Test

6. Insulation Resistance Cold Check:
   (1) With the unit's AC plug disconnected from the AC source, connect an electrical jumper across the two AC prongs. (2) Set the power switch to ON. (3) Measure the resistance between the shorted AC plug and any exposed metallic parts. Example: Screwheads, antenna, control shafts or handle brackets.

   If any of the exposed metallic parts has a return path to the chassis, the measured resistance should be between 1 and 5.2 megohms. If there is no return path, the measured resistance should be "infinite." If the resistance is outside these limits, a shock hazard might exist. See Figure 1-2

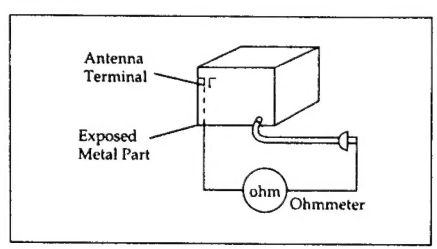


Fig. 1-2 Insulation Resistance Test

1-1 Safety Precautions (Continued)

7. Components, parts and wiring that appear to have overheated or that are otherwise damaged should be replaced with parts that meet the original specifications. Always determine the cause of damage or overheating, and correct any potential hazards

8. Observe the original lead dress, especially near the following areas: Antenna wiring, sharp edges, and especially the AC and high voltage power supplies. Always inspect for pinched, out-of-place, or frayed wiring. Do not change the spacing between components and the printed circuit board. Check the AC power cord for damage. Make sure that no wires or components touch thermally hot parts.

9. Product Safety Notice:
   Some electrical and mechanical parts have special safety-related characteristics which might not be obvious from visual inspection. These safety features and the protection they give might be lost if the replacement component differs from the original--even if the replacement is rated for higher voltage, wattage, etc.

10 Components that are critical for safety are indicated in the circuit diagram by shading, ⚠ or ⚠ . Use replacement components that have the same ratings, especially for flame resistance and dielectric strength specifications. A replacement part that does not have the same safety characteristics as the original might create shock, fire or other hazards.

1-2 Servicing Precautions

Warning1: First read the "Safety Precautions" section of this manual. If some unforeseen circumstance creates a conflict between the servicing and safety precautions, always follow the safety precautions.

1. Servicing precautions are printed on the cabinet. Follow them.

2. Always unplug the unit's AC power cord from the AC power source before attempting to: (a) Remove or reinstall any component or assembly, (b) Disconnect an electrical plug or connector, (c) Connect a test component in parallel with an electrolytic capacitor.

3. Some components are raised above the printed circuit board for safety. An insulation tube or tape is sometimes used. The internal wiring may be clamped to prevent contact with thermally hot components. Reinstall all such elements to their original position.

4. After servicing, always check that the screws, components and wiring have been correctly reinstalled. Make sure that the portion around the serviced part has not been damaged.

5. Check the insulation between the blades of the AC plug and accessible conductive parts (examples: metal panels, input terminals and earphone jacks).

6. Insulation Checking Procedure: Disconnect the power cord from the AC source and turn the power switch ON. Connect an insulation resistance meter (500V) to the blades of the AC plug.

   The insulation resistance between each blade of the AC plug and accessible conductive parts (see above) should be greater than 1 megohm.

7. Never defeat any of the B+ voltage interlocks. Do not apply AC power to the unit (or any of its assemblies) unless all solid-state heat sinks are correctly installed.

8. Always connect a test instrument's ground lead to the instrument chassis ground *before* connecting the positive lead; always remove the instrument's ground lead last.

1-3 Precautions for Electrostatically Sensitive Devices (ESDs)

1. Some semiconductor ("solid state") devices are easily damaged by static electricity. Such components are called Electrostatically Sensitive Devices (ESDs). Examples include integrated circuits and some field-effect transistors. The following techniques will reduce the occurrence of component damage caused by static electricity.

2. Immediately before handling any semiconductor components or assemblies, drain the electrostatic charge from your body by touching a known earth ground. Alternatively, wear a discharging wrist-strap device. (Be sure to remove it prior to applying power--this is an electric shock precaution.)

3. After removing an ESD-equipped assembly, place it on a conductive surface such as aluminum foil to prevent accumulation of electrostatic charge.

4. Do not use freon-propelled chemicals. These can generate electrical charges that damage ESDs.

5. Use only a grounded-tip soldering iron when soldering or unsoldering ESDs.

6. Use only an anti-static solder removal device. Many solder removal devices are not rated as "anti-static" (these can accumulate sufficient electrical charge to damage ESDs).

7. Do not remove a replacement ESD from its protective package until you are ready to install it. Most replacement ESDs are packaged with leads that are electrically shorted together by conductive foam, aluminum foil or other conductive materials.

8. Immediately before removing the protective material from the leads of a replacement ESD, touch the protective material to the chassis or circuit assembly into which the device will be installed.

9. Minimize body motions when handing unpackaged replacement ESDs. Motions such as brushing clothes together, or lifting a foot from a carpeted floor can generate enough static electricity to damage an ESD.

1-4 Special Precautions and Warning Labels for Laser Products

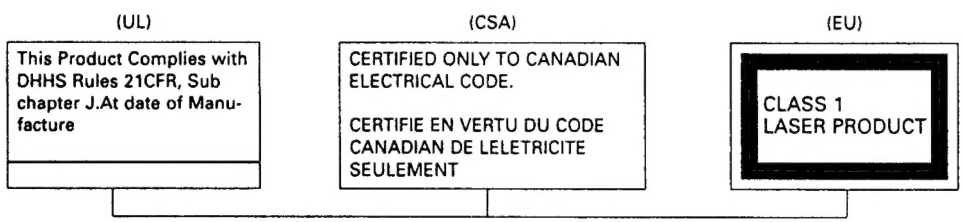


Fig. 1-3 Warning Labels (Location: Enclosure Block)

Fig. 1-4 Warning Labels (Location: Disc Clamper, Inner Side of Unit Door or Nearby Unit Chassis)

1-4 Special Precautions and Warning Labels for Laser Products (Continued)

1-4-1 Warnings

1. When servicing, do not approach the LASER exit with the eye too closely. In case it is necessary to confirm LASER beam emission, be sure to observe from a distance of more than 30 cm from the surface of the objective lens on the optical pick-up block.

2. Do not attempt to handle the objective lens when the DISC is not on the tray.

1-4-2 Laser Diode Specifications

Material: GaAs+ GaAlAs
Wavelength: 760-800 nm
Emission Duration: Continuous

Laser Output: 0.2 mw (measured at a 1.6 mm distance from the objective lens surface on the optical pick-up block.)

1-4-3 Handling the Optical Pick-up

1. Static electricity from clothing or the body may cause electrostatic breakdown of the laser diode in the Optical Pickup. Follow this procedure:

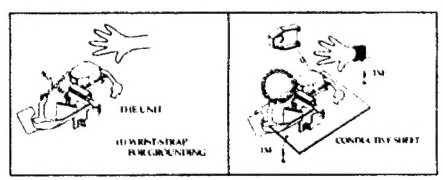
2. Place a conductive sheet on the work bench (i.e., the black sheet used for wrapping repair parts.) Note: The surface of the work bench should be covered by a copper ground plane, which is grounded.

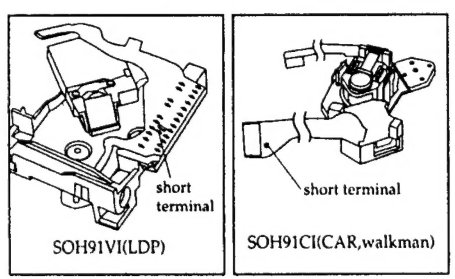
3. The repair technician must wear a wrist strap which is grounded to the copper sheet.

4. To remove the Optical Pickup block: Place the set on the conductive sheet, and momentarily touch the conductive sheet with both hands. (While working, do not allow any electrostatic sources--such as clothes--to touch the unit.)

5. Ground the "Short Terminal" (located on the PCB, inside the Pickup Assembly) before replacing the Pickup. This terminal should be shorted whenever the Pickup Assembly is lifted or moved.

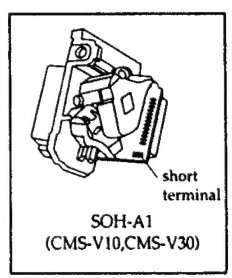
6. After replacing the Pickup, reopen the Short Terminal. See diagrams below:



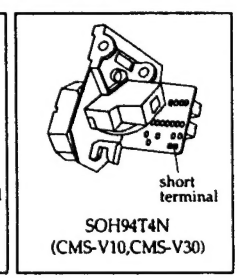


SOH91VI(LDP)

SOH91CI(CAR,walkman)



SOH-A1
(CMS-V10,CMS-V30)



SOH94T4N
(CMS-V10,CMS-V30)

1. Alignment and Adjustments

1-1 Instruction

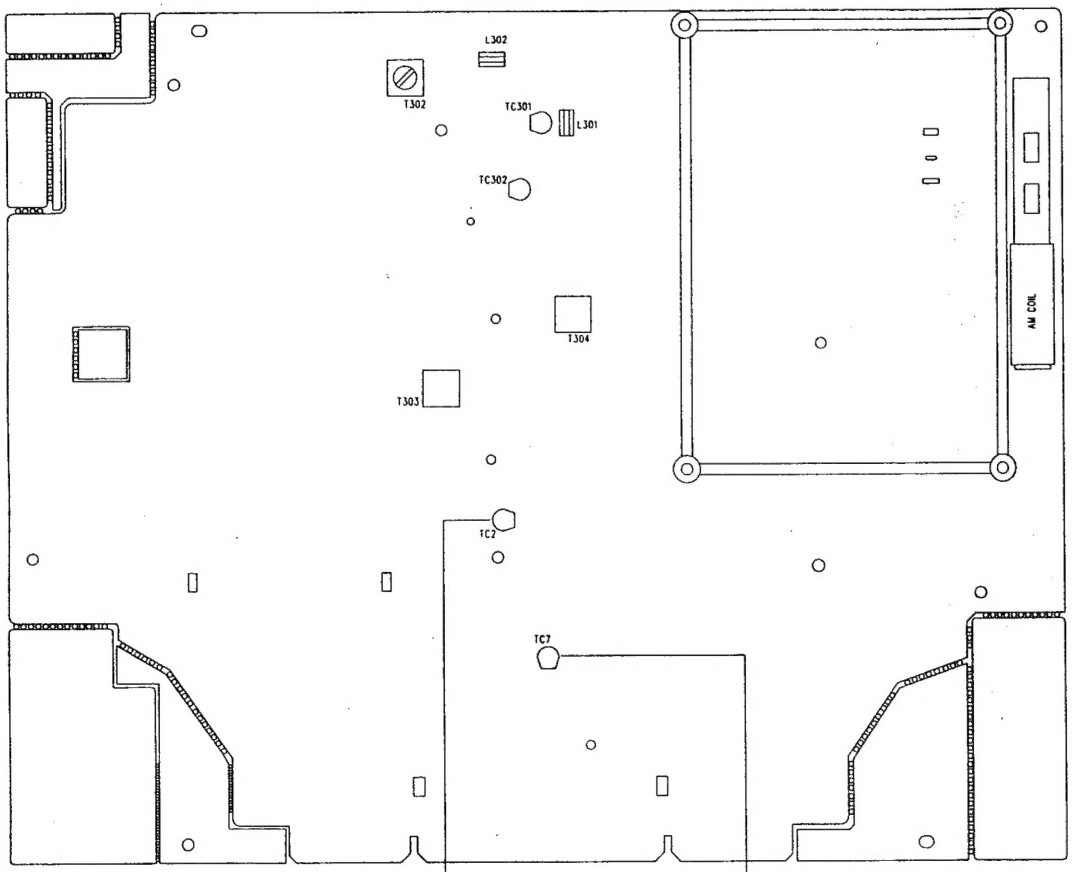


Fig 1-1 Location Of Adjustment Point

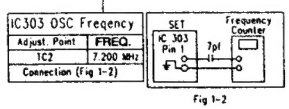


Fig 1-2

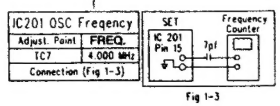


Fig 1-3

1-1-1 Test Equipment

1. AM/FM Standard Signal Generator (S.S.G)
   -AM : 1KHz,30% MOD -FM : 1KHz,75KHz(Deviation)
2. Oscilloscope
3. VTVM
4. Frequency counter
5. Loop antenna
6. Dummy load (4Ω)
7. DIGITAL DC voltmeter
8. FM Stereo Modulator
9. FM/AM IF Generator : 10.7MHz,455KHz

1-1-2 Pre-Adjustment

1. Check the source voltage
2. Select desired Band and Function.
3. Set the S.BASS control and PRE-EQ to off position.
4. Set volume control to appróximaterly 50mW(4ohm)

1-2 Tuner Section

1-2-1 FM Adjustment

Step	Item	Connection	SSG.FREQ.	FREQ. Setting	Adjust. Point	Remark
1	Intermediate frequency (IF) adjustment	Fig 1-4	10.7 MHz	Tune to the lowest	FM IFT : T302	Maximum output
2	FM frequency coverage adjustment	Fig 1-5	87.5 MHz	Tune to the lowest	Check	1.1V
3			108 MHz	Tune to the highest	OSC COIL : L302	6.0V
4	FM tracking adjustment	Fig 1-6	90 MHz	90 MHz	L301	Maximum output
5			106 MHz	106 MHz	TC301	Maximum output
6	Stereo separation adjustment	Fig 1-3 Connect Stereo generatorto S.S.G additionally	98 MHz	98 MHz	Not required	

FM IF OUTPUT : PIN NO . 19 of IC 302(TA8132AN) - Freference next page (FIG 1-4)

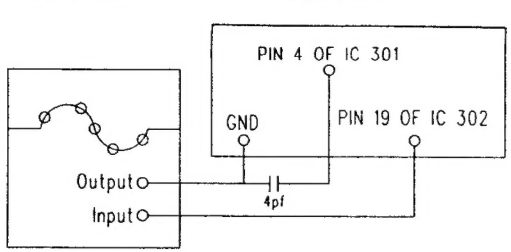


Fig 1-4

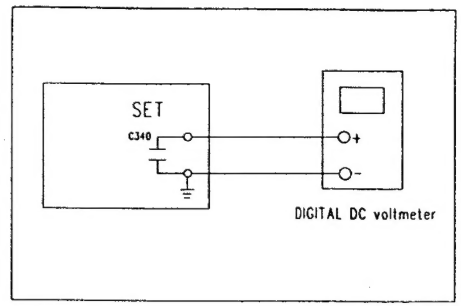


Fig 1-5

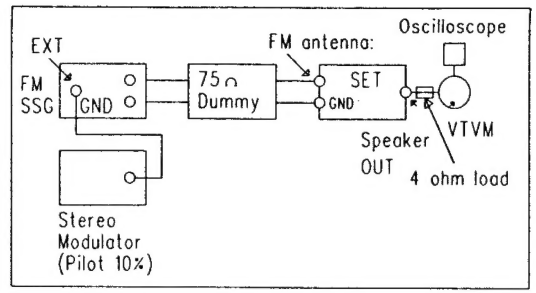


Fig 1-6

1-2-2 AM Adjustment(2BAND)

Step	Item	Connection	SSG.FREQ.	FREQ. Setting	Adjust. Point	Remark
1	Intermediate frequency (IF) adjustment	Fig 1-7	450 KHz	Tune to the lowest	AM IFT : T303	Maximum output
2	AM frequency coverage adjustment	Fig 1-5	522 KHz	Tune to the lowest	Check	0.8V
3			1622 KHz	Tune to the highest	OSC COIL : T304	7.0 V
4	AM tracking adjustment	Fig 1-8	594 KHz	594 KHz	AM ANT COIL	Maximum output
5			1404 KHz	1404 KHz	TRIMMER : TC302	Maximum output

AM IF OUTPUT : PIN NO. 6 of IC302(TA8132AN)

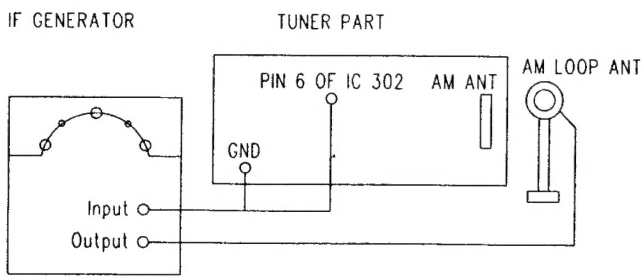


Fig 1-7

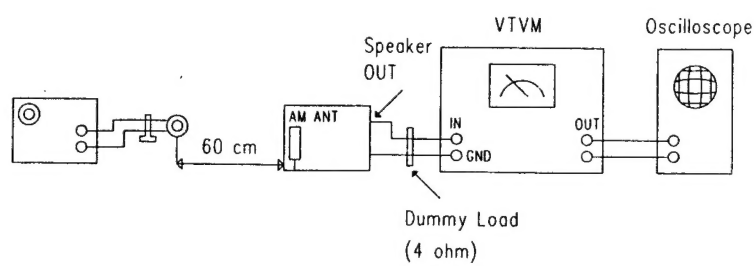


Fig 1-8

1-3. Deck Section

1-3-1. Recording BIAS adjustment

1) Conneet frequency counter C701 (See Fig.1-9) and press the Record button.
2) Adjust T701 (BIAS OSC COIL)until frequency counter reads 80KHz

1-3-2. Tape AZIMUTH adjustment

1) Connect the equipments as per Fig.1-10 to adjust the tape azimuth with test tape (recorded at 6.3KHz : MTT-113N)
2) Play the test tape after inserting in DECK.
3) Adjust the azimuth adjustment screw of left side of record/play head for maximum output and for the same channel phase.(see Fig.1-10)

1-3-3. Tape speed adjustment

1) Connect the equipments as shown in Fig.1-11 adjust the tape speed with test tape (recorded at 3KHz : MTT-111N)

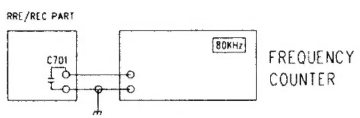


Fig.1-9 Recording bias adjustment

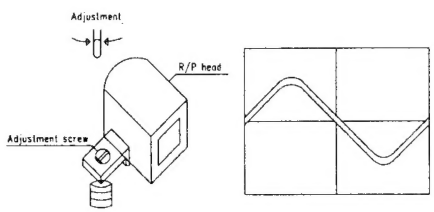


Fig.1-10 Azimuth speed adjustment

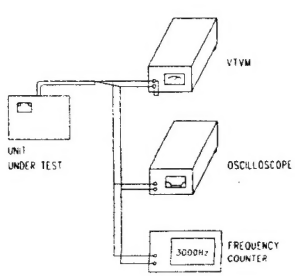
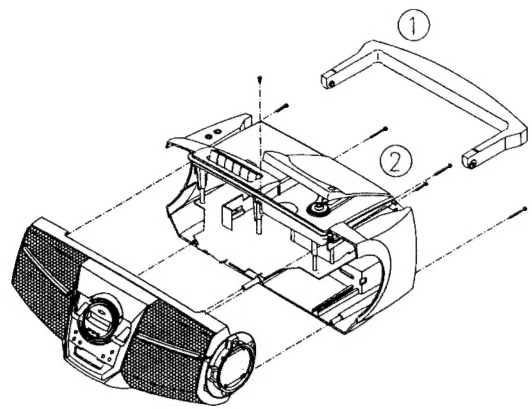


Fig.1-11

2. Disassembly and Reassembly

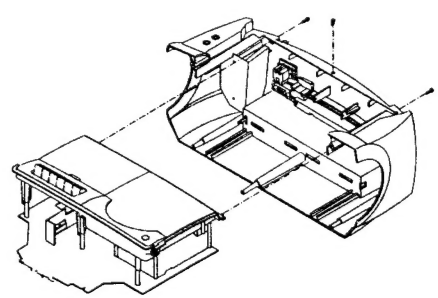
2-1.FRONT CABINET

1. REMOVE ① OF ITS HANDLE
2. REMOVE 6 SCREWS OF ② OF ITS REAR PART
3. REMOVE FRONT CABINET TO FRONTWARD



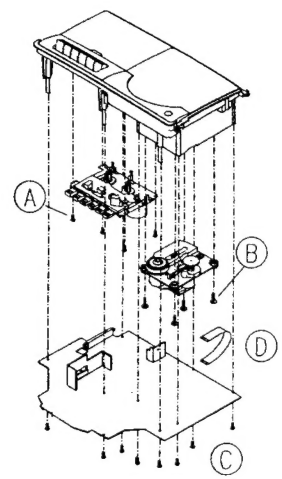
2-2.TOP-CABINET ASS'Y

1. REMOVE 3 SCREWS OF ITS REAR PART
2. REMOVE TOP CABINET ASS'Y TO FRONTWARD



2-3. MAIN-PCB ASS'Y & CD-MECHA ASS'Y AND CASS-MECHA ASS'Y

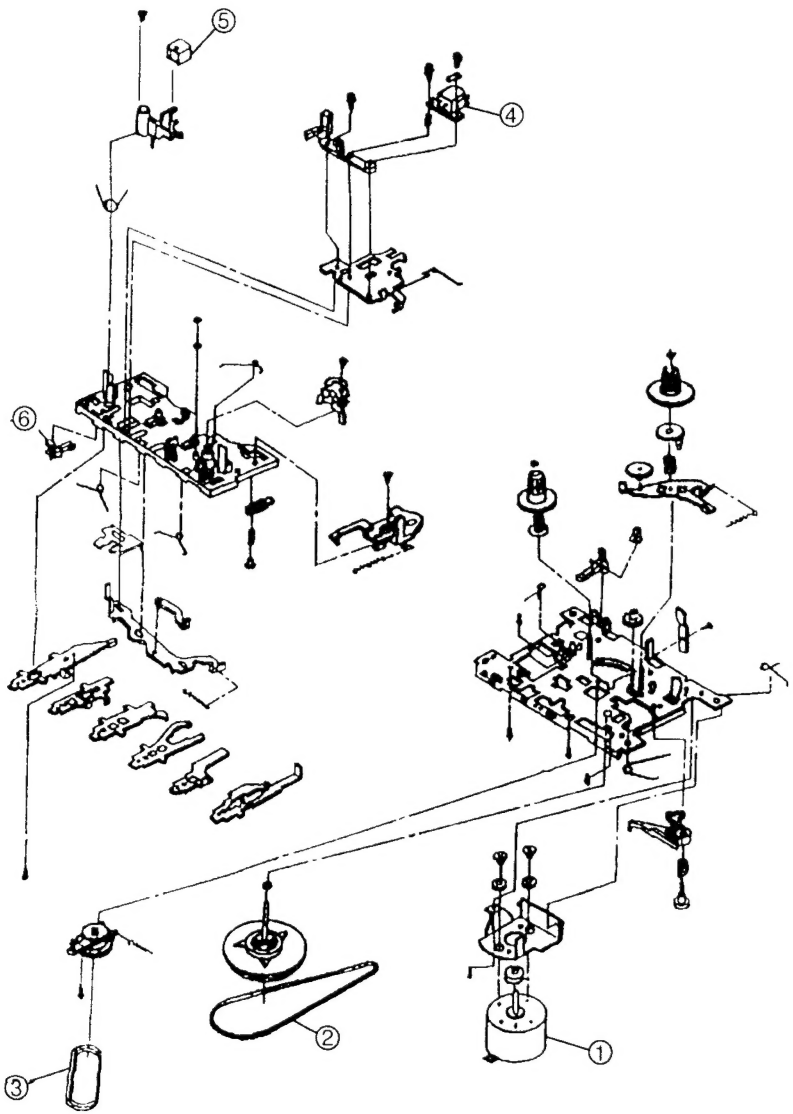
1. REMOVE 8 SCREWS OF Ⓒ ITS TOP-CABINET PART
2. REMOVE THE CONNECT WIRE OF Ⓓ AND REMOVE MAIN-PCB ASS'Y TO BACKWARD
3. REMOVE 4 SCREWS OF Ⓐ ITS TOP-CABINET PART, AND REMOVE CASS-MECHA ASS'Y TO BACKWARD
4. REMOVE 4 SCREWS OF Ⓑ ITS TOP-CABINET PART, AND REMOVE CD-MECHA ASS'Y TO BACKWARD



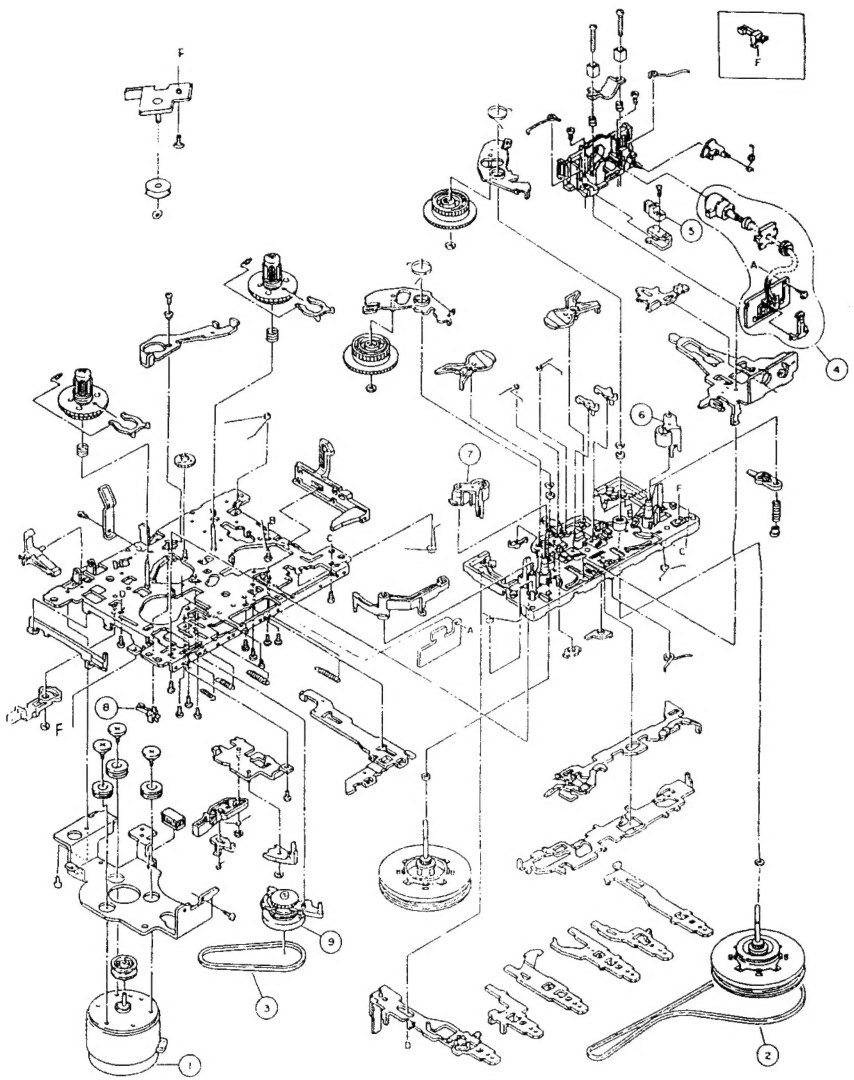
3.Exploded Views and Parts List

3-1 Cassette Deck Exploded View and Parts List

3-1-1 AUTO STOP : RCD-M50/M50B



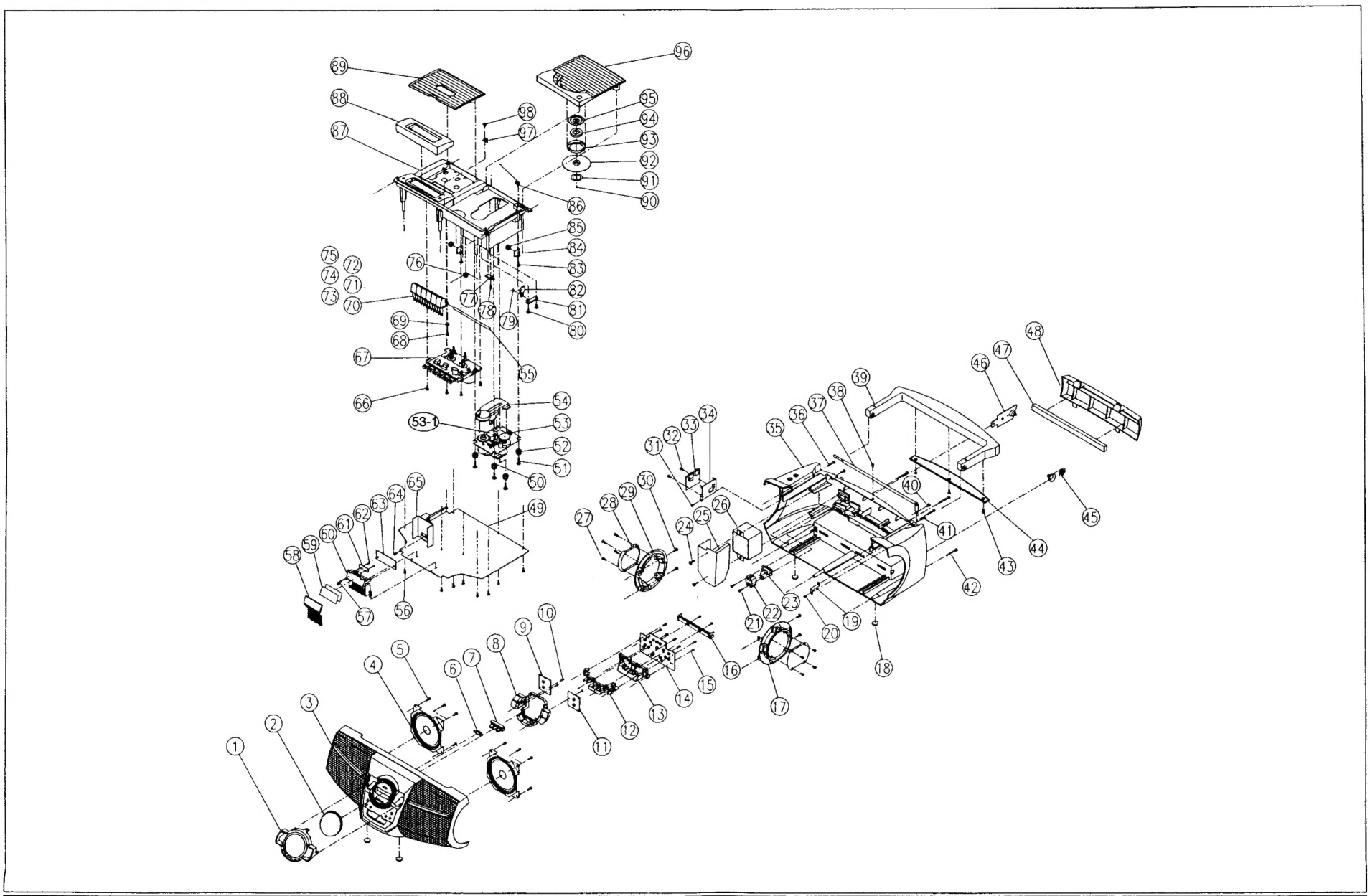
No.	Code No.	Description	Specification	Remarks
	AH81-00384M	DECK ASS'Y	CS-21FV-468	
1	AH81-00432A	MOTOR	EG530AD2B	EG530AD2B
2	AH81-00432B	M BELT	21-632	21-632
3	AH81-00432C	RF BELT	21-618	21-618
4	AH81-00432D	RP HEAD	20B03	20B03
5	AH81-00432E	E HEAD	TC230AN-SL	TC230AN-SL
6	AH81-00432H	LEAF SWITCH	21-706	21-706



	AH81-00427A	DECK ASS'Y	TN-59RV-117	
1	AH81-00427B	MOTOR	EG530AD-2B	6002-03-22
2	AH81-00427C	M BELT	TN-59RV-01	1851-14-16
3	AH81-00427D	RF BELT	TN-59RV-02	1921-07-03
4	AH81-00427E	RP HEAD	YK50R-SSOCO	6202-01-97
5	AH81-00427F	E HEAD	TC-230SS	6207-10-07
6	AH81-00427G	PINCH ROLLER(F) ASS'Y	TN-59RV-03	1959-04-305
7	AH81-00427H	PINCH ROLLER(R) ASS'Y	TN-59RV-04	1909-04-306
8	AH81-00427J	LEAF SWITCH	MSW-1541T	6401-01-149
9	AH81-00427K	RF CLUTCH ASS'Y	TN-59RV-05	1959-07-301

3-2 Main Exploded View and Parts List

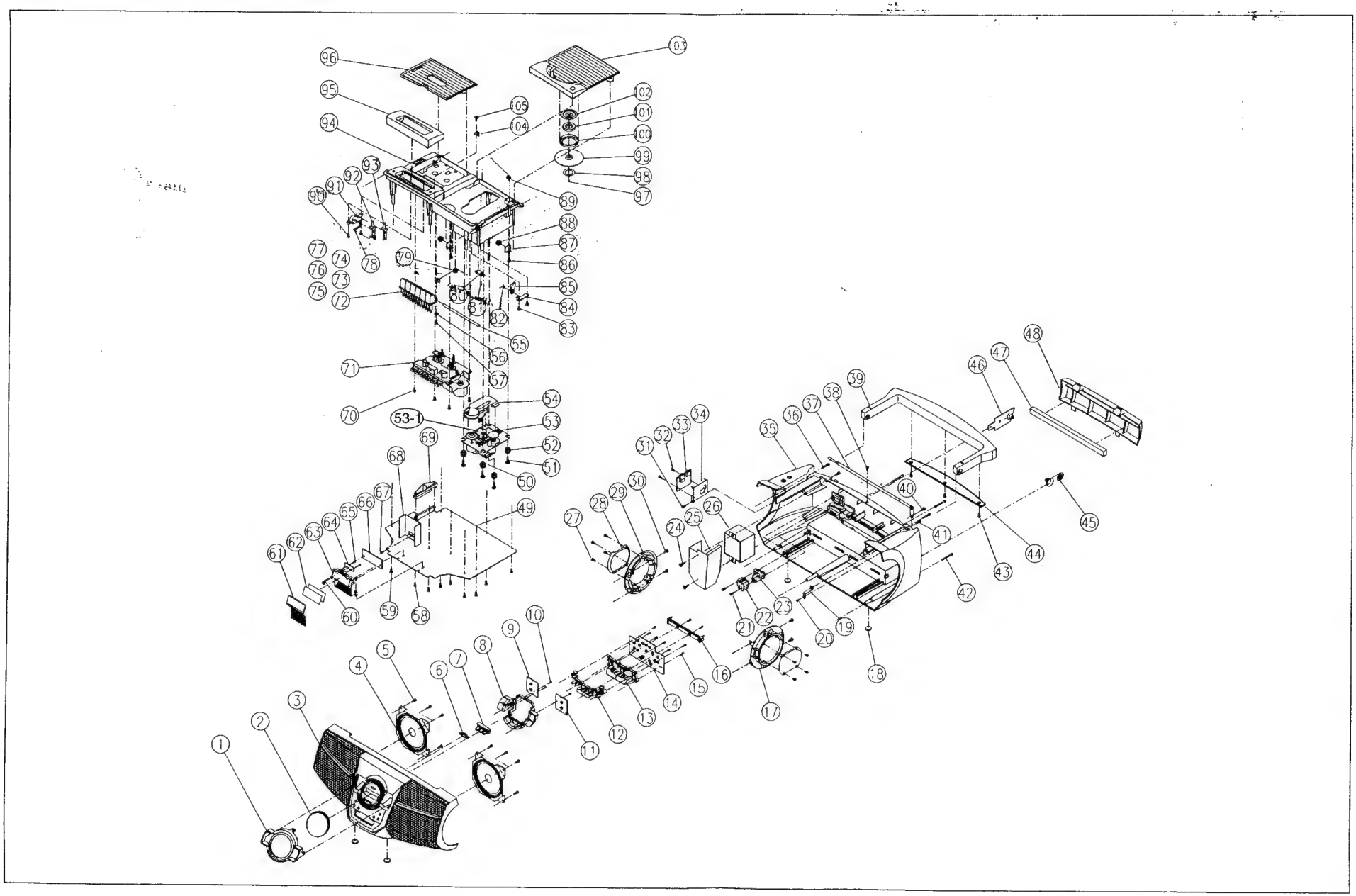
3-2-1 Exploded View : RCD-M50/M50B



3-2-2 Parts List

1	AH81-00454B	DECO RING	MOLD.BLUE HBL2067R	0101-45651-00
	AH81-00454F	DECO RING	DARK BLUE	RCD-M50B
2	AH81-00449A	LENS DISPLAY	ACRYLIC	0101-45656-00
	AH81-00449C	LENS DISPLAY	C/BLUE, H/TRANS	RCD-M50B
3	AH81-00387C	CABINET-FRONT ASS'Y	FRONT,GRILLE,DECO	0002-CDM50-02
	AH81-00387E	CABINET FRONT ASS'Y	SILVER BLUE	RCD-M50B
4	AH81-00384H	SPEAKER-GENERAL	4,5W,40hm(BLK-CAP)	0118-03102-00
6	AH81-00449B	LENS IR	ACRYLIC	0101-45659-00
7	AH81-00448B	KNOB ALARM	ABS	0101-45653-00
	AH81-00448F	KNOB ALARM	SILVER	RCD-M50B
8	AH81-00448A	KNOB FUNCTION	ABS	0101-45652-00
	AH81-00448E	KNOB FUNCTION	SILVER	RCD-M50B
9	AH92-01072H	KEY 1 ASS'Y	39X42.5X1.6T 94HB	0320-M5006-00
11	AH92-01072J	KEY 2 ASS'Y	39X42.5X1.6T 94HB	0320-M5007-00
12	AH81-00448C	KNOB MONO PROGRAM	ABS	0101-45657-00
	AH81-00448G	KNOB MONO PROGRAM	SILVER	RCD-M50B
13	AH81-00448D	KNOB VOLUME	ABS	0101-45658-00
	AH81-00448H	KNOB VOLUME	SILVER	RCD-M50B
14	AH92-01072D	CONTROL ASS'Y	69X120X1.6T 94HB	0001-00M50-00
16	AH81-00447E	ADAPTOR PCB	ABS	0101-45655-00
17	AH81-00393A	DECO-SIDE WHEEL R	ABS	0101-45614-00
	AH81-00393B	DECO SIDE WHEEL R	M/BLUE	RCD-M50B
19	AH81-00385A	BRACKET ANT	COPPER T0.3	0102-43831-00
23	AH81-00384D	JACK-AC POWER	CP2,WIRE-TYPE,W/LOVE	0322-30169-00
25	AH81-00385F	SHIELD TRANS	T 0.5	0102-43844-00
26	AH81-00446F	TRANS-POWER	EI57*25,230V/50Hz	OPTION,0326-45700-67
	AH81-00446G	TRANS-POWER	EI57*25,120V/60Hz	OPTION,0326-45700-70
	AH81-00446H	TRANS-POWER	EI57*25,115/230V	OPTION,0326-45700-71
28	AH81-00394A	DECO WHEEL CAP	SAN	0101-45615-00
	AH81-00394C	DECO WHEEL CAP	C/BLUE, H/TRANS	RCD-M50B
29	AH81-00392A	DECO-SIDE WHEEL L	ABS	0101-45613-00
	AH81-00392B	DECO SIDE WHEEL L	M/BLUE	RCD-M50B
33	AH92-01072E	MIC ASS'Y	48X40X1.6T 94HB	0001-00M50-02
34	AH81-00384V	BRACKET PHONE PCB	ABS BLACK	0101-45629-00
35	AH81-00417A	CABINET REAR	HIPS	0101-45608-00
	AH81-00417B	CABINET REAR	SILVER BLUE	RCD-M50B
37	AH81-00384G	ANT-ROD	3S,Dia6*285mm	0114-06285-00
39	AH81-00398A	HANDLE	ABS	0101-45622-00
	AH81-00398C	HANDLE	SILVER BLUE	RCD-M50B
44	AH81-00398B	COVER HANDLE	ABS	0101-45807-00
	AH81-00398D	COVER HANDLE	SILVER BLUE	RCD-M50B
45	AH81-00385N	SPRING BATT +-	PI 1.0	0119-30363-00
46	AH92-01072F	BATTERY PCB ASS'Y		0002-CDM30-07
48	AH81-00397A	LID BATTERY	HIPS	0101-45621-00
	AH81-00397B	LID-BATTERY	SILVER BLUE	RCD-M50B
49	AH92-01072C	MAIN ASS'Y	292X223X1.6T 94HB	0001-00M50-01
50	AH81-00454D	VIBF.PROOF RUBBER	GREEN	0109-40361-01
51	AH81-00385B	SHAFT-CD	PI2.6X16mm	0102-41598-00
52	AH81-00454E	VIBF.PROOF RUBBER	RED	0109-40360-01
53	AH81-00384L	DECK-CDP	CMS-N75VG6(U)	0115-60M30-0J
53-1	AJ75-00601F	PICK-UP ASS'Y	SOH-AA(AAU)	0101-45630-00
54	AH81-00551E	CAP PICK-UP	ABS BLACK	COMMON
55	AH81-00385H	HINGE KNOB CASS	PI 5X124mm	0102-43846-01
58	AH81-00444N	LCD DISPLAY	SDT-A292-TP-2	0347-40100-36
59	AH81-00447A	DISPLAY FILTER SHEET	T0.1	0103-43890-00
61	AH92-01072K	SENSOR ASS'Y	30X11X1.6T 94HB	0320-M5008-00
63	AH81-00443D	LAMP BOARD	66X26X1.6T 94HB	0320-M5005-00
65	AH81-00385K	HEAT SINK	AL PLATE T1.5	0102-43802-01
67	AH81-00384M	DECK-CASSETTE	CS-21FV-468	0115-10M30-OP
70	AH81-00399A	KNOB CASSETTE(REC)	ABS	0101-45623-06
	AH81-00399H	KNOB CASS REC	M/BLUE	RCD-M50B
71	AH81-00399B	KNOB CASSETTE(PLAY)	ABS	0101-45623-00
	AH81-00399N	KNOB CASS PLAY	M/BLUE	RCD-M50B
72	AH81-00399C	KNOB CASSETTE(F.F)	ABS	0101-45623-04
	AH81-00399J	KNOB CASS F.F	M/BLUE	RCD-M50B
73	AH81-00399D	KNOB CASSETTE(REW)	ABS	0101-45623-05
	AH81-00399K	KNOB CASS REW	M/BLUE	RCD-M50B
74	AH81-00399E	KNOB CASSETTE(STOP)	ABS	0101-45623-03
	AH81-00399L	KNOB CASS STOP	M/BLUE	RCD-M50B
75	AH81-00399F	KNOB CASSETTE(PAUSE)	ABS	0101-45623-02
	AH81-00399M	KNOB CASS PAUSE	M/BLUE	RCD-M50B
76	AH81-00385E	SPRING DOOR CASS	PI 1.4	0102-43840-00
77	AH81-00382U	SWITCH-LEAF	LS-323-0	0323-60208-01
79	AH81-00385J	SPRING HOOK	PI 0.3mm	0102-43847-00
81	AH81-00384U	BRACKET HOOK	ABS	0101-45628-00
82	AH81-00384T	HOOK	ABS	0101-45627-00
86	AH81-00385D	SPRING DOOR CD	PI 1.4	0102-43839-00
87	AH81-00404A	CABINET-TOP	HIPS	0101-45609-00
	AH81-00404C	CABINE TOP	SILVER BLUE	RCD-M50B
88	AH81-00396B	COVER KNOB CASS	SAN	0101-45619-00
	AH81-00396C	COVER KNOB CASS	C/BLUE, H/TRANS	RCD-M50B
89	AH81-00426C	CA DOOR ASSY	COVER+BRACKET	0002-CDM50-00
	AH81-00426F	CASS DOOR ASS'Y	SILVER BLUE	RCD-M50B
92	AH81-00384R	PLATE-CHUCK B	ABS+FIBER GLASS	0101-32546-02
93	AH81-00384S	RING CHUCKING	ABS BLACK	0101-45620-00
95	AH81-00384Y	PLATE CHUCK A	STEEL T0.6	0102-31274-00
96	AH81-00425B	CD DOOR ASSY	COVER+BRACKET	0002-CDM35-03
	AH81-00425D	CD DOOR ASS'Y	SILVER BLUE	RCD-M50B

3-2-3 Exploded View : RCD-M55/M55G



3-2-4 Parts List

No.	Code No.	Description	Specification	Remark
1	AH81-00454B	DECO RING	MOLD,BLUE HBL2067R	0101-45651-00
	AH81-00454G	DECO RING	DARK SILVER	RCD-M55G
2	AH81-00449A	LENS DISPLAY	ACRYLIC	0101-45656-00
	AH81-00449C	LENS DISPLAY	C/BLUE, H/TRANS	RCD-M55G
3	AH81-00387C	CABINET-FRONT ASS'Y	FRONT,GRILLE,DECO	0002-CDM50-02
	AH81-00387F	CABINET FRONT ASS'Y	SILVER GRAY	RCD-M55G
4	AH81-00384H	SPEAKER-GENERAL	4,5W,40hm(BLK-CAP)	0118-03102-00
6	AH81-00449B	LENS IR	ACRYLIC	0101-45659-00
7	AH81-00448B	KNOB ALARM	ABS	0101-45653-00
	AH81-00448F	KNOB ALARM	SILVER	RCD-M55G
8	AH81-00448A	KNOB FUNCTION	ABS	0101-45652-00
	AH81-00448E	KNOB FUNCTION	SILVER	RCD-M55G
9	AH92-01072H	KEY 1 ASS'Y	39X42.5X1.6T 94HB	0320-M5006-00
11	AH92-01072J	KEY 2 ASS'Y	39X42.5X1.6T 94HB	0320-M5007-00
12	AH81-00448C	KNOB MONO PROGRAM	ABS	0101-45657-00
	AH81-00448G	KNOB MONO PROGRAM	SILVER	RCD-M55G
13	AH81-00448D	KNOB VOLUME	ABS	0101-45658-00
	AH81-00448H	KNOB VOLUME	SILVER	RCD-M55G
14	AH92-01072D	CONTROL ASS'Y	69X120X1.6T 94HB	0001-00M50-00
16	AH81-00447E	ADAPTOR PCB	ABS	0101-45655-00
17	AH81-00393A	DECO-SIDE WHEEL R	ABS	0101-45614-00
	AH81-00393C	DECO SIDE WHEEL R	DARK SILVER	RCD-M55G
19	AH81-00385A	BRACKET ANT	COPPER T0.3	0102-43831-00
23	AH81-00384D	JACK-AC POWER	CP2,WIRE-TYPE,W/LOVE	0322-30169-00
25	AH81-00385F	SHIELD TRANS	T 0.5	0102-43844-00
26	AH81-00446F	TRANS-POWER	EI57*25,230V/50Hz	OPTION,0326-45700-67
	AH81-00446G	TRANS-POWER	EI57*25,120V/60Hz	OPTION,0326-45700-70
	AH81-00446H	TRANS-POWER	EI57*25,115/230V	OPTION,0326-45700-71
28	AH81-00394A	DECO WHEEL CAP	SAN	0101-45615-00
	AH81-00394A	DECO WHEEL CAP	L/GRAY, H/TRANS	RCD-M55G
29	AH81-00392A	DECO-SIDE WHEEL L	ABS	0101-45613-00
	AH81-00392C	DECO SIDE WHEEL L	DARK SILVER	RCD-M55G
33	AH92-07072E	MIC ASS'Y	48X40X1.6T 94HB	0001-00M50-02
34	AH81-00384V	BRACKET PHONE PCB	ABS BLACK	0101-45629-00
35	AH81-00417A	CABINET REAR	HIPS	0101-45608-00
	AH81-00417C	CABINET REAR	SILVER GRAY	RCD-M55G
37	AH81-00384G	ANT-ROD	3S,Dia6*285mm	0114-06285-00
39	AH81-00398A	HANDLE	ABS	0101-45622-00
	AH81-00398E	HANDLE	SILVER GRAY	RCD-M55G
44	AH81-00398B	COVER HANDLE	ABS	0101-45807-00
	AH81-00398F	COVER HANDLE	SILVER GRAY	RCD-M55G
45	AH81-00385N	SPRING BATT +-	PI 1.0	0119-30363-00
46	AH92-01072F	BATTERY PCB ASS'Y		0002-CDM30-07
48	AH81-00397A	LID BATTERY	HIPS	0101-45621-00
	AH81-00397C	LID-BATTERY	SILVER GRAY	RCD-M55G
49	AH92-01072C	MAIN ASS'Y	292X223X1.6T 94HB	0001-00M50-01
50	AH81-00454D	VIBF.PROOF RUBBER	GREEN	0109-40361-01
51	AH81-00385B	SHAFT-CD	PI2.6X16mm	0102-41598-00
52	AH81-00454E	VIBF.PROOF RUBBER	RED	0109-40360-01
53	AH81-00384L	DECK-CDP	CMS-N75VG6(U)	0115-60M30-0J
53-1	AJ75-00601F	PICK-UP ASS'Y	SOH-AA(AAU)	0101-45630-00
54	AH81-00551E	CAP PICK-UP	ABS BLACK	COMMON
55	AH81-00385H	HINGE KNOB CASS	PI 5X124mm	0102-43846-01
61	AH81-00444N	LCD DISPLAY	SDT-A292-TP-2	0347-40100-36
62	AH81-00447A	DISPLAY FILTER SHEET	T0.1	0103-43890-00
64	AH92-01072K	SENSOR ASS'Y	30X11X1.6T 94HB	0320-M5008-00
66	AH81-00443D	LAMP BOARD	66X26X1.6T 94HB	0320-M5005-00
68	AH81-00385K	HEAT SINK	AL PLATE T1.5	0102-43802-01
69	AH81-00391A	BRACKET RECORDING	HIPS(RCD-M35)	0101-45691-00
71	AH81-00427A	DECK-CASSETTE	TN-59RV-117	0115-10M35-OF
72	AH81-00399A	KNOB CASSETTE(REC)	ABS	0101-45623-06
	AH81-00399P	KNOB CASS REC	DARK SILVER	RCD-M55G
73	AH81-00399B	KNOB CASSETTE(PLAY)	ABS	0101-45623-01
	AH81-00399U	KNOB CASS PLAY	DARK SILVER	RCD-M55G
74	AH81-00399C	KNOB CASSETTE(F.F)	ABS	0101-45623-04
	AH81-00399Q	KNOB CASS F.F	DARK SILVER	RCD-M55G
75	AH81-00399D	KNOB CASSETTE(REW)	ABS	0101-45623-05
	AH81-00399R	KNOB CASS REW	DARK SILVER	RCD-M55G
76	AH81-00399E	KNOB CASSETTE(STOP)	ABS	0101-45623-03
	AH81-00399S	KNOB CASS STOP	DARK SILVER	RCD-M55G
77	AH81-00399F	KNOB CASSETTE(PAUSE)	ABS	0101-45623-02
	AH81-00399T	KNOB CASS PAUSE	DARK SILVER	RCD-M55G
78	AH81-00420A	SPRING KNOB	DIA 0.3mm	0102-43850-00
79	AH81-00385E	SPRING DOOR CASS	PI 1.4	0102-43840-00
80	AH81-00382U	SWITCH-LEAF	LS-323-0	0323-60208-01
82	AH81-00385J	SPRING HOOK	PI 0.3mm	0102-43847-00
84	AH81-00384U	BRACKET HOOK	ABS	0101-45628-00
85	AH81-00384T	HOOK	ABS	0101-45627-00
89	AH81-00385D	SPRING DOOR CD	PI 1.4	0102-43839-00
91	AH81-00389A	BRACKET AUTO-REVESE	ABS MOLD L.GREY SPY	0101-45626-00
92	AH81-00388A	KNOB DIR	MOLD	0101-45625-00
	AH81-00388B	KNOB DIR	DARK SILVER	RCD-M55G
93	AH81-00386A	KNOB MODE	ABS MOLD L.GREY SPY	0101-45624-00
	AH81-00386B	KNOB MODE	DARK SILVER	RCD-M55G
94	AH81-00404B	CABINET-TOP	HIPS	0101-45660-00
	AH81-00404D	CABINE TOP	DARK SILVER	RCD-M55G
95	AH81-00396A	COVER KNOB CASS	SAN,GRAY	0101-45619-00
	AH81-00396A	COVER KNOB CASS	L/GRAY. H/TRANS	RCD-M55G
96	AH81-00426D	CA DOOR ASSY	COVER+BRACKET	0002-CDM55-01
	AH81-00426G	CASS DOOR ASS'Y	DARK SILVER (HOLE)	RCD-M55G
99	AH81-00384R	PLATE-CHUCK B	ABS+FIBER GLASS	0101-32546-02
100	AH81-00384S	RING CHUCKING	ABS BLACK	0101-45620-00
102	AH81-00384Y	PLATE CHUCK A	STEEL T0.6	0102-31274-00
103	AH81-00425A	CD DOOR ASSY	COVER+BRACKET	0002-CDM30-06
	AH81-00425C	CD DOOR ASS'Y	DARK SILVER	RCD-M55G

4. Electrical Parts List

**** RCD-M50/55/50B/55G Parts List ****

	AH81-00384D	JACK-AC POWER	0322-30169-00,CP2,WIRE-TYPE,W
	AH81-00384F	POWER-CORD	0349-30002-97,CP2,H03VVH2-F,VD
	AH39-10060V	POWER-CORD	AP2,KSP-173-0201 KKJ201A
	AH39-10001L	POWER-CORD	EP2,SPT-1 #2/18,2M,KKS-18
	AH81-00384G	ANT-ROD	0114-06285-00,3S,DIA6*285MM,-,-
	AH81-00446F	TRANS-POWER	0326-45700-67,EI57*25,230V/50Hz OPTION
	AH81-00446G	TRANS-POWER	0326-45700-70,EI57*25,120V/60Hz OPTION
	AH81-00446H	TRANS-POWER	0326-45700-71,EI57*25,115-230V OPTION
	AH81-00453A	A/S PART-REMOCON-ASSY	0212-61135-00,RCD-M50/M55,-,-

AH92-01072C ASSY MAIN PCB 0001-00M50-01 RCD-M50/55 MAIN

IC201	AH09-10064N	IC-MICOM	S3C7235D56-QWR5,80QFP,RCD590
I303	AH14-10007G	IC	LC72131D,DIP,STICK PLL
	AH81-00382U	SWITCH-LEAF	0323-60208-01,LS-323-0,-,-,-
IC501	AH81-00382Y	IC-PRE REC	0330-22241-B15,KA22241,
IC602	AH81-00383B	IC-POWER	0330-A5417-17,BA5417,-,-,-
Q601	AH81-00383D	TR-SMALL	0329-1815G-01,2SC1815,-,-,-
Q602	AH81-00383D	TR-SMALL	0329-1815G-01,2SC1815,-,-,-
Q701	AH81-00383D	TR-SMALL	0329-1815G-01,2SC1815,-,-,-
Q101	AH81-00383F	TR-SMALL	0329-8550C-17,SS8550C,-,-,-
Q102	AH81-00383F	TR-SMALL	0329-8550C-17,SS8550C,-,-,-
Q201	AH81-00383G	TR-SMALL	0329-9012H-17,SS9012H,-,-,-
Q251	AH81-00383G	TR-SMALL	0329-9012H-17,SS9012H,-,-,-
Q603	AH81-00383G	TR-SMALL	0329-9012H-17,SS9012H,-,-,-
Q303	AH81-00383H	TR-SMALL	0329-9014C-17,SS9014C,-,-,-
Q304	AH81-00383H	TR-SMALL	0329-9014C-17,SS9014C,-,-,-
Q551	AH81-00383H	TR-SMALL	0329-9014C-17,SS9014C,-,-,-
Q552	AH81-00383H	TR-SMALL	0329-9014C-17,SS9014C,-,-,-
Q553	AH81-00383H	TR-SMALL	0329-9014C-17,SS9014C,-,-,-
Q604	AH81-00383H	TR-SMALL	0329-9014C-17,SS9014C,-,-,-
Q607	AH81-00383H	TR-SMALL	0329-9014C-17,SS9014C,-,-,-
Q609	AH81-00383H	TR-SMALL	0329-9014C-17,SS9014C,-,-,-
D552	AH81-00383K	DIODE-RECTIFIER	0344-14004-08,IN4004,-,-,-
D603	AH81-00383K	DIODE-RECTIFIER	0344-14004-08,IN4004,-,-,-
D602	AH81-00383M	DOIODE-ZENOR	0344-10049-01,8.6V 1/2W,-,-,-
D608	AH81-00383M	DOIODE-ZENOR	0344-10049-01,8.6V 1/2W,-,-,-
	AH81-00383Q	FERRITE-BAR	0328-10080-01,DIA10*80MM,-,-,-
T701	AH81-00383R	TRANS-IF	0331-04806-05,D-814806,10MM(BL
	AH81-00385K	HEAT-SINK	0102-43848-00,AL PLATE T1.5,-,-
FMANT	AH81-00443J	CONNECTOR-PIN	0321-01A15-61,A1561WV2-1P,-,-
AC	AH81-00443K	CONNECTOR-PIN	0321-01A23-61,A2361WV2-1P,-,-
IN	AH81-00443K	CONNECTOR-PIN	0321-01A23-61,A2361WV2-1P,-,-
CN211	AH81-00443L	CONNECTOR-HEADER	0321-02009-80,CXH-2W,2P-2.5MM,
CN252	AH81-00443M	CONNECTOR-HEADER	0321-03023-10,CXH-3W,3P-2.5MM,
CN612	AH81-00443M	CONNECTOR-HEADER	0321-03023-10,CXH-3W,3P-2.5MM,
CN615	AH81-00443M	CONNECTOR-HEADER	0321-03023-10,CXH-3W,3P-2.5MM,
CN501	AH81-00443N	CONNECTOR-HEADER	0321-03009-80,S2M-3W,JS-2MM,-,
CN551	AH81-00443P	CONNECTOR-HEADER	0321-04023-10,CXH-4W,4P-2.5MM,
CN610	AH81-00443P	CONNECTOR-HEADER	0321-04023-10,CXH-4W,4P-2.5MM,
CN613	AH81-00443P	CONNECTOR-HEADER	0321-04023-10,CXH-4W,4P-2.5MM,
CN103	AH81-00443Q	CONNECTOR-HEADER	0321-06023-10,CXH-6W,6P-2.5MM,
CN611	AH81-00443Q	CONNECTOR-HEADER	0321-06023-10,CXH-6W,6P-2.5MM,
CN202	AH81-00443R	CONNECTOR-HEADER	0321-14025-E0,14P,1MM,STRAIGHT
CN101	AH81-00443S	CONNECTOR-FPC/FC/PICPC/FC/PIC	0321-16025-E0,16P,1MM,STRAIGHT
CN251	AH81-00443T	CONNECTOR-FPC/FC/PICPC/FC/PIC	0321-14021-E0,14P,1MM,ANGLE,-,
	AH81-00443U	CABLE-FLAT	0321-16120-E0,120MM,16P-1MM,FF
FMANT	AH81-00443W	LEAD FASTEN	0321-01300-52,300MM,#26,-,-,-
CN252-CN254	AH81-00443X	FLAT-WIRE	0321-04060-C35,4P-60MM,#28,-,-
CN253-CN255	AH81-00443X	FLAT-WIRE	0321-04060-C35,4P-60MM,#28,-,-
CN650	AH81-00443Y	CONNECTOR-W	0321-03080-135,CXH,3P-2.5MM,#2
CN256	AH81-00443Z	CONNECTOR-WIRE	0321-03100-135,CXH,3P-2.5MM,#2
	AH81-00444A	CONNECTOR-ASSY	0321-02250-135,CXH,2P-2.5MM,#2
CN501	AH81-00444B	CONNECTOR-ASSY	0321-03170-838,S2M-3H,3P-2MM,#
SPK WIRE	AH81-00444C	CONNECTOR-ASSY	0321-03600-117,CXH,3P-2.5MM,#2
CN613	AH81-00444D	CONNECTOR-ASSY	0321-04250-145,4P-2.5MM,#26,#2
CN103	AH81-00444E	CONNECTOR-ASSY	0321-06200-122,CXH,6P-2.5MM,#2
CN611	AH81-00444F	CONNECTOR-ASSY	0321-06220-135,CXH,6P-2.5MM,#2
SW501	AH81-00444G	SWITCH-SLID	0324-90089-00,RSD-92003,9C-2P(
IC302	AH81-00444H	IC-1CHIP TUNER	0330-8132N-01,TA8132N,-,-,-
IC303	AH81-00444J	IC-PLL	0330-72131-02,LC72131,-,-,-
IC301	AH81-00444K	IC-FM FRONT	0330-7358A-01,TA7358AP,-,-,-
IC104	AH81-00444M	IC-REG	0330-7805F-44,NJM7805FA,-,-,-
LCD201	AH81-00444N	LCD DISPLAY	0347-40100-36,SDT-A292-TP-2,-,
Q1	AH81-00444Q	TR-SMALL	0329-0536F-02,2SC536F,-,-,-
Q2	AH81-00444Q	TR-SMALL	0329-0536F-02,2SC536F,-,-,-
Q3	AH81-00444Q	TR-SMALL	0329-0536F-02,2SC536F,-,-,-
Q606	AH81-00444R	TR-SMALL	0329-00857-00,2SB857,-,-,-
Q608	AH81-00444S	TR-SMALL	0329-0562C-00,2SB562C,-,-,-
Q302	AH81-00444T	TR-SMALL	0329-1417G-00,2SC1417G,-,-,-
Q605	AH81-00444U	TR-SMALL	0329-8050B-00,8050B,-,-,-
Q611	AH81-00444U	TR-SMALL	0329-8050B-00,8050B,-,-,-
Q202	AH81-00444W	TR-SMALL	0329-9013F-00,9013F,-,-,-
Q252	AH81-00444W	TR-SMALL	0329-9013F-00,9013F,-,-,-
Q301	AH81-00444X	TR-SMALL	0329-9015C-01,9015C,-,-,-
Q306	AH81-00444X	TR-SMALL	0329-9015C-01,9015C,-,-,-
D309	AH81-00444Z	DIODE-VARIC	0344-3V149-03,1SV149,-,-,-
D310	AH81-00444Z	DIODE-VARIC	0344-3V149-03,1SV149,-,-,-
D304	AH81-00445A	DIODE-VARIC AP	0344-3V101-03,1SV101,-,-,-
D305	AH81-00445A	DIODE-VARIC AP	0344-3V101-03,1SV101,-,-,-
D609	AH81-00445B	DIODE-RECTI FIER	0344-15397-00,*N5397,-,-,-
D610	AH81-00445B	DIODE-RECTI FIER	0344-15397-00,*N5397,-,-,-
D611	AH81-00445B	DIODE-RECTI FIER	0344-15397-00,*N5397,-,-,-
D612	AH81-00445B	DIODE-RECTI FIER	0344-15397-00,*N5397,-,-,-
D311	AH81-00445C	DIODE-ZENOR	0344-1Z5C2-01,5.2V 1/2W,-,-,-
T303	AH81-00445G	TRANS-IF	0331-07961-05,D-817961,10MM(YE
T302	AH81-00445H	TRANS-IF	0331-07968-05,OA-817968,7A121(
T304	AH81-00445J	TRANS-IF	0331-08154-05,818154,10MM(RED)
L304	AH81-00445K	COIL-BOBIN, AM	0332-10347-02,DIA10MM,62T,20T,
	AH81-00445L	HOLDER-ANT BAR	0101-10014-00,PP MOLD,10X15MMX
L301	AH81-00445M	COIL-SPRING	0332-20012-00,3.5T R8P 4D CW,F
L302	AH81-00445N	COIL-SPRING	0332-20026-03,3.5T R8P 4.5D CW
X302	AH81-00445Q	FILTER-CERAMIC MIC	0342-C2450Y-00,SFU450Y,-,-,-
T301	AH81-00445R	BPF-COIL	0342-12135-16,A-258A(T-829847-
T301	AH81-00445S	BPF-COIL	0342-17906-00,BTTW-857906(64-1
	AH81-00445T	ANT-ROD FM	0114-06285-00,3S-6X285MM,-,-,-
X304	AH81-00445U	C-RESONATOR	0363-0456F-01,CSB456F18,-,-,-
X201	AH81-00445V	C-RESONATOR	0363-400MG-01,CSA 4.00MG,-,-,-
X101	AH81-00445W	C-RESONATOR	0363-16934-MC4,*S 934MXZ040,-,
X202	AH81-00445X	X-TAL	0355-40269-00,32.768KHZ,-,-,-
TC2	AH81-00445Y	C-TRIMMER	0341-10010-03,10P,CVN610,H-TYP
TC7	AH81-00445Y	C-TRIMMER	0341-10010-03,10P,CVN610,H-TYP
TC301	AH81-00445Z	C-TRIMMER	0341-10020-00,20P,DIA-6MM,-,-,
TC302	AH81-00445Z	C-TRIMMER	0341-10020-00,20P,DIA-6MM,-,-,
	AH81-00447D	HOLDER LCD	0101-45654-00,ABS UHITE,-,-,-
D101	0401-000101	DIODE-SWITCHING	1N4148,100V,200mA,500mW,4nS
D102	0401-000101	DIODE-SWITCHING	1N4148,100V,200mA,500mW,4nS
D103	0401-000101	DIODE-SWITCHING	1N4148,100V,200mA,500mW,4nS
D104	0401-000101	DIODE-SWITCHING	1N4148,100V,200mA,500mW,4nS
D202	0401-000101	DIODE-SWITCHING	1N4148,100V,200mA,500mW,4nS
D203	0401-000101	DIODE-SWITCHING	1N4148,100V,200mA,500mW,4nS
D204	0401-000101	DIODE-SWITCHING	1N4148,100V,200mA,500mW,4nS
D205	0401-000101	DIODE-SWITCHING	1N4148,100V,200mA,500mW,4nS
D206	0401-000101	DIODE-SWITCHING	1N4148,100V,200mA,500mW,4nS
D207	0401-000101	DIODE-SWITCHING	1N4148,100V,200mA,500mW,4nS
D251	0401-000101	DIODE-SWITCHING	1N4148,100V,200mA,500mW,4nS
D252	0401-000101	DIODE-SWITCHING	1N4148,100V,200mA,500mW,4nS
D301	0401-000101	DIODE-SWITCHING	1N4148,100V,200mA,500mW,4nS
D302	0401-000101	DIODE-SWITCHING	1N4148,100V,200mA,500mW,4nS
D303	0401-000101	DIODE-SWITCHING	1N4148,100V,200mA,500mW,4nS
D306	0401-000101	DIODE-SWITCHING	1N4148,100V,200mA,500mW,4nS
D308	0401-000101	DIODE-SWITCHING	1N4148,100V,200mA,500mW,4nS
D551	0401-000101	DIODE-SWITCHING	1N4148,100V,200mA,500mW,4nS
D606	0401-000101	DIODE-SWITCHING	1N4148,100V,200mA,500mW,4nS
D607	0401-000101	DIODE-SWITCHING	1N4148,100V,200mA,500mW,4nS
D201	0402-000279	DIODE-RECTIFIER	IN60S,-45V,50MA,DO-7,TP
D312	0403-000352	DIODE-ZENER	UZ4.7BM,4.7V,4.4-5.0V,500mW
D605	0403-000363	DIODE-ZENER	UZ6.8BH,6.8V,6.8-7.2V,500MW
D604	0403-000396	DIODE-ZENER	UZP5.8B,6.8V,6.4-7.2V,1W,DO-41
D602	0403-000398	DIODE-ZENER	UZP8.2B,8.2V,7.7-8.7V,1W,DO
Q610	0502-000303	TR-POWER	KSD882,NPNA,1W
IC102	0904-001442	IC-DSP	0330-09286-15,KS9286,8BIT,QFP
	1003-000179	IC-MOTOR DRIVER	0330-09258-D15,KA9258D,SOP,28P
IC103	1203-000294	IC-POSI,FIXED REG.	KA7808-AB,TO-220,3P,-PLASTIC,
IC101	1204-001286	IC-ASSP	0330-09223-15,KB9223,QFP,80P
IC601	1204-001465	IC-VOLUME/TONE CONT.	TDA7440D,SOP,28,18.1,PLASTIC,1
R627	2001-000005	R-CARBON	390ohm,5%,1/8W,AA,TP,1.8x3.2mm
R628	2001-000005	R-CARBON	390ohm,5%,1/8W,AA,TP,1.8x3.2mm
R123	2001-000008	R-CARBON	15Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R209	2001-000008	R-CARBON	15Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R119	2001-000010	R-CARBON	68Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R539	2001-000012	R-CARBON	680Kohm,5%,1/8W,AA,TP,1.8x3.2m
R638	2001-000019	R-CARBON(S)	10ohm,5%,1/2W,AA,TP,2.4x6.4mm
R504	2001-000110	R-CARBON	10ohm,5%,1/4W,AA,TP,2.4x6.4mm
R115	2001-000273	R-CARBON	100Kohm,5%,1/8W,AA,TP,1.8x3.2m
R120	2001-000273	R-CARBON	100Kohm,5%,1/8W,AA,TP,1.8x3.2m
R126	2001-000273	R-CARBON	100Kohm,5%,1/8W,AA,TP,1.8x3.2m
R134	2001-000273	R-CARBON	100Kohm,5%,1/8W,AA,TP,1.8x3.2m
R140	2001-000273	R-CARBON	100Kohm,5%,1/8W,AA,TP,1.8x3.2m
R144	2001-000273	R-CARBON	100Kohm,5%,1/8W,AA,TP,1.8x3.2m
R147	2001-000273	R-CARBON	100Kohm,5%,1/8W,AA,TP,1.8x3.2m
R204	2001-000273	R-CARBON	100Kohm,5%,1/8W,AA,TP,1.8x3.2m
R252	2001-000273	R-CARBON	100Kohm,5%,1/8W,AA,TP,1.8x3.2m
R324	2001-000273	R-CARBON	100Kohm,5%,1/8W,AA,TP,1.8x3.2m
R327	2001-000273	R-CARBON	100Kohm,5%,1/8W,AA,TP,1.8x3.2m
R312	2001-000281	R-CARBON	100ohm,5%,1/8W,AA,TP,1.8x3.2mm
R318	2001-000281	R-CARBON	100ohm,5%,1/8W,AA,TP,1.8x3.2mm
R326	2001-000281	R-CARBON	100ohm,5%,1/8W,AA,TP,1.8x3.2mm
R347	2001-000281	R-CARBON	100ohm,5%,1/8W,AA,TP,1.8x3.2mm
R112	2001-000282	R-CARBON	10KOHM,1%,1/8W,AD,TP
R113	2001-000282	R-CARBON	10KOHM,1%,1/8W,AD,TP
R208	2001-000282	R-CARBON	10KOHM,1%,1/8W,AD,TP
R319	2001-000282	R-CARBON	10KOHM,1%,1/8W,AD,TP
R320	2001-000282	R-CARBON	10KOHM,1%,1/8W,AD,TP

R325	2001-000282	R-CARBON	10KOHM,1%,1/8W,AD,TP
R331	2001-000282	R-CARBON	10KOHM,1%,1/8W,AD,TP
R338	2001-000282	R-CARBON	10KOHM,1%,1/8W,AD,TP
R345	2001-000282	R-CARBON	10KOHM,1%,1/8W,AD,TP
R509	2001-000282	R-CARBON	10KOHM,1%,1/8W,AD,TP
R525	2001-000282	R-CARBON	10KOHM,1%,1/8W,AD,TP
R6	2001-000282	R-CARBON	10KOHM,1%,1/8W,AD,TP
R633	2001-000282	R-CARBON	10KOHM,1%,1/8W,AD,TP
R7	2001-000282	R-CARBON	10KOHM,1%,1/8W,AD,TP
R305	2001-000302	R-CARBON	10ohm,5%,1/8W,AA,TP,1.8x3.2mm
R314	2001-000302	R-CARBON	10ohm,5%,1/8W,AA,TP,1.8x3.2mm
R315	2001-000302	R-CARBON	10ohm,5%,1/8W,AA,TP,1.8x3.2mm
R601	2001-000302	R-CARBON	10ohm,5%,1/8W,AA,TP,1.8x3.2mm
R118	2001-000319	R-CARBON	120Kohm,5%,1/8W,AA,TP,1.8x3.2m
R125	2001-000319	R-CARBON	120Kohm,5%,1/8W,AA,TP,1.8x3.2m
R607	2001-000325	R-CARBON	120ohm,5%,1/8W,AA,TP,1.8x3.2mm
R614	2001-000325	R-CARBON	120ohm,5%,1/8W,AA,TP,1.8x3.2mm
R109	2001-000331	R-CARBON	12Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R110	2001-000331	R-CARBON	12Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R111	2001-000331	R-CARBON	12Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R148	2001-000331	R-CARBON	12Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R508	2001-000331	R-CARBON	12Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R518	2001-000331	R-CARBON	12Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R654	2001-000331	R-CARBON	12Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R655	2001-000331	R-CARBON	12Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R116	2001-000356	R-CARBON	150Kohm,5%,1/8W,AA,TP,1.8x3.2m
R117	2001-000356	R-CARBON	150Kohm,5%,1/8W,AA,TP,1.8x3.2m
R145	2001-000356	R-CARBON	150Kohm,5%,1/8W,AA,TP,1.8x3.2m
R310	2001-000356	R-CARBON	150Kohm,5%,1/8W,AA,TP,1.8x3.2m
R512	2001-000356	R-CARBON	150Kohm,5%,1/8W,AA,TP,1.8x3.2m
R528	2001-000356	R-CARBON	150Kohm,5%,1/8W,AA,TP,1.8x3.2m
R613	2001-000362	R-CARBON	150ohm,5%,1/8W,AA,TP,1.8x3.2mm
R346	2001-000376	R-CARBON	15OHM,5%,1/8W,AA,TP
R141	2001-000397	R-CARBON	RN 1/8T 180K-J
R114	2001-000429	R-CARBON	1Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R132	2001-000429	R-CARBON	1Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R135	2001-000429	R-CARBON	1Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R149	2001-000429	R-CARBON	1Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R309	2001-000429	R-CARBON	1Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R317	2001-000429	R-CARBON	1Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R337	2001-000429	R-CARBON	1Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R339	2001-000429	R-CARBON	1Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R520	2001-000429	R-CARBON	1Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R523	2001-000429	R-CARBON	1Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R610	2001-000429	R-CARBON	1Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R611	2001-000429	R-CARBON	1Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R626	2001-000429	R-CARBON	1Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R634	2001-000429	R-CARBON	1Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R636	2001-000429	R-CARBON	1Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R637	2001-000429	R-CARBON	1Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R142	2001-000435	R-CARBON	1Mohm,5%,1/8W,AA,TP,1.8x3.2mm
R146	2001-000449	R-CARBON	2.2Kohm,5%,1/8W,AA,TP,1.8x3.2m
R150	2001-000449	R-CARBON	2.2Kohm,5%,1/8W,AA,TP,1.8x3.2m
R151	2001-000449	R-CARBON	2.2Kohm,5%,1/8W,AA,TP,1.8x3.2m
R152	2001-000449	R-CARBON	2.2Kohm,5%,1/8W,AA,TP,1.8x3.2m
R156	2001-000449	R-CARBON	2.2Kohm,5%,1/8W,AA,TP,1.8x3.2m
R157	2001-000449	R-CARBON	2.2Kohm,5%,1/8W,AA,TP,1.8x3.2m
R158	2001-000449	R-CARBON	2.2Kohm,5%,1/8W,AA,TP,1.8x3.2m
R159	2001-000449	R-CARBON	2.2Kohm,5%,1/8W,AA,TP,1.8x3.2m
R206	2001-000449	R-CARBON	2.2Kohm,5%,1/8W,AA,TP,1.8x3.2m
R210	2001-000449	R-CARBON	2.2Kohm,5%,1/8W,AA,TP,1.8x3.2m
R213	2001-000449	R-CARBON	2.2Kohm,5%,1/8W,AA,TP,1.8x3.2m
R214	2001-000449	R-CARBON	2.2Kohm,5%,1/8W,AA,TP,1.8x3.2m
R215	2001-000449	R-CARBON	2.2Kohm,5%,1/8W,AA,TP,1.8x3.2m
R216	2001-000449	R-CARBON	2.2Kohm,5%,1/8W,AA,TP,1.8x3.2m
R217	2001-000449	R-CARBON	2.2Kohm,5%,1/8W,AA,TP,1.8x3.2m
R218	2001-000449	R-CARBON	2.2Kohm,5%,1/8W,AA,TP,1.8x3.2m
R219	2001-000449	R-CARBON	2.2Kohm,5%,1/8W,AA,TP,1.8x3.2m
R330	2001-000449	R-CARBON	2.2Kohm,5%,1/8W,AA,TP,1.8x3.2m
R334	2001-000449	R-CARBON	2.2Kohm,5%,1/8W,AA,TP,1.8x3.2m
R340	2001-000449	R-CARBON	2.2Kohm,5%,1/8W,AA,TP,1.8x3.2m
R341	2001-000449	R-CARBON	2.2Kohm,5%,1/8W,AA,TP,1.8x3.2m
R342	2001-000449	R-CARBON	2.2Kohm,5%,1/8W,AA,TP,1.8x3.2m
R343	2001-000449	R-CARBON	2.2Kohm,5%,1/8W,AA,TP,1.8x3.2m
R344	2001-000449	R-CARBON	2.2Kohm,5%,1/8W,AA,TP,1.8x3.2m
R602	2001-000449	R-CARBON	2.2Kohm,5%,1/8W,AA,TP,1.8x3.2m
R603	2001-000449	R-CARBON	2.2Kohm,5%,1/8W,AA,TP,1.8x3.2m
R652	2001-000449	R-CARBON	2.2Kohm,5%,1/8W,AA,TP,1.8x3.2m
R653	2001-000449	R-CARBON	2.2Kohm,5%,1/8W,AA,TP,1.8x3.2m
R351	2001-000454	R-CARBON	2.2Mohm,5%,1/8W,AA,TP,1.8x3.2m
R160	2001-000456	R-CARBON	2.2ohm,5%,1/4W,AA,TP2.4x6.4mm
R629	2001-000456	R-CARBON	2.2ohm,5%,1/4W,AA,TP2.4x6.4mm
R630	2001-000456	R-CARBON	2.2ohm,5%,1/4W,AA,TP2.4x6.4mm
R2	2001-000472	R-CARBON	2.7Kohm,5%,1/8W,AA,TP,1.8x3.2m
R3	2001-000472	R-CARBON	2.7Kohm,5%,1/8W,AA,TP,1.8x3.2m
R529	2001-000515	R-CARBON	220ohm,5%,1/8W,AA,TP,1.8x3.2mm
R705	2001-000515	R-CARBON	220ohm,5%,1/8W,AA,TP,1.8x3.2mm
R207	2001-000522	R-CARBON	22Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R251	2001-000522	R-CARBON	22Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R316	2001-000522	R-CARBON	22Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R554	2001-000522	R-CARBON	22Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R608	2001-000522	R-CARBON	22Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R612	2001-000522	R-CARBON	22Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R620	2001-000522	R-CARBON	22Kohm,5%,1/8W,AA,TP,1.8x3.2mm

R108	2001-000527	R-CARBON	22ohm,5%,1/8W,AA,TP,1.8x3.2mm
R130	2001-000563	R-CARBON	27Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R138	2001-000563	R-CARBON	27Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R153	2001-000563	R-CARBON	27Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R328	2001-000563	R-CARBON	27Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R329	2001-000563	R-CARBON	27Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R617	2001-000563	R-CARBON	27Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R618	2001-000563	R-CARBON	27Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R703	2001-000563	R-CARBON	27Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R1	2001-000591	R-CARBON	3.3Kohm,5%,1/8W,AA,TP,1.8x3.2m
R154	2001-000591	R-CARBON	3.3Kohm,5%,1/8W,AA,TP,1.8x3.2m
R155	2001-000591	R-CARBON	3.3Kohm,5%,1/8W,AA,TP,1.8x3.2m
R352	2001-000591	R-CARBON	3.3Kohm,5%,1/8W,AA,TP,1.8x3.2m
R353	2001-000591	R-CARBON	3.3Kohm,5%,1/8W,AA,TP,1.8x3.2m
R555	2001-000591	R-CARBON	3.3Kohm,5%,1/8W,AA,TP,1.8x3.2m
R615	2001-000613	R-CARBON	3.9Kohm,5%,1/8W,AA,TP,1.8x3.2m
R616	2001-000613	R-CARBON	3.9Kohm,5%,1/8W,AA,TP,1.8x3.2m
R129	2001-000660	R-CARBON	33Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R137	2001-000660	R-CARBON	33Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R307	2001-000660	R-CARBON	33Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R332	2001-000666	R-CARBON	33ohm,5%,1/8W,AA,TP,1.8x3.2mm
R794	2001-000666	R-CARBON	33ohm,5%,1/8W,AA,TP,1.8x3.2mm
R101	2001-000702	R-CARBON	39Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R102	2001-000702	R-CARBON	39Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R103	2001-000702	R-CARBON	39Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R104	2001-000702	R-CARBON	39Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R513	2001-000708	R-CARBON	39ohm,5%,1/8W,AA,TP,1.8x3.2mm
R524	2001-000708	R-CARBON	39ohm,5%,1/8W,AA,TP,1.8x3.2mm
R131	2001-000734	R-CARBON	4.7Kohm,5%,1/8W,AA,TP,1.8x3.2m
R133	2001-000734	R-CARBON	4.7Kohm,5%,1/8W,AA,TP,1.8x3.2m
R136	2001-000734	R-CARBON	4.7Kohm,5%,1/8W,AA,TP,1.8x3.2m
R139	2001-000734	R-CARBON	4.7Kohm,5%,1/8W,AA,TP,1.8x3.2m
R322	2001-000734	R-CARBON	4.7Kohm,5%,1/8W,AA,TP,1.8x3.2m
R552	2001-000734	R-CARBON	4.7Kohm,5%,1/8W,AA,TP,1.8x3.2m
R553	2001-000734	R-CARBON	4.7Kohm,5%,1/8W,AA,TP,1.8x3.2m
R624	2001-000734	R-CARBON	4.7Kohm,5%,1/8W,AA,TP,1.8x3.2m
R625	2001-000734	R-CARBON	4.7Kohm,5%,1/8W,AA,TP,1.8x3.2m
R619	2001-000745	R-CARBON	4.7ohm,5%,1/8W,AA,TP,1.8x3.2mm
R128	2001-000773	R-CARBON	470Kohm,5%,1/8W,AA,TP,1.8x3.2m
R205	2001-000773	R-CARBON	470Kohm,5%,1/8W,AA,TP,1.8x3.2m
R623	2001-000780	R-CARBON	470ohm,5%,1/8W,AA,TP,1.8x3.2mm
R121	2001-000786	R-CARBON	47Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R124	2001-000786	R-CARBON	47Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R211	2001-000786	R-CARBON	47Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R212	2001-000786	R-CARBON	47Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R253	2001-000786	R-CARBON	47Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R254	2001-000786	R-CARBON	47Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R301	2001-000786	R-CARBON	47Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R302	2001-000786	R-CARBON	47Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R323	2001-000786	R-CARBON	47Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R640	2001-000786	R-CARBON	47Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R308	2001-000802	R-CARBON	5.6Kohm,5%,1/8W,AA,TP,1.8x3.2m
R321	2001-000802	R-CARBON	5.6Kohm,5%,1/8W,AA,TP,1.8x3.2m
R527	2001-000802	R-CARBON	5.6Kohm,5%,1/8W,AA,TP,1.8x3.2m
R532	2001-000802	R-CARBON	5.6Kohm,5%,1/8W,AA,TP,1.8x3.2m
R551	2001-000802	R-CARBON	5.6Kohm,5%,1/8W,AA,TP,1.8x3.2m
R641	2001-000802	R-CARBON	5.6Kohm,5%,1/8W,AA,TP,1.8x3.2m
R311	2001-000857	R-CARBON	560ohm,5%,1/8W,AA,TP,1.8x3.2mm
R609	2001-000857	R-CARBON	560ohm,5%,1/8W,AA,TP,1.8x3.2mm
R122	2001-000864	R-CARBON	56Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R201	2001-000864	R-CARBON	56Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R203	2001-000864	R-CARBON	56Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R639	2001-000864	R-CARBON	56Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R313	2001-000938	R-CARBON	68ohm,5%,1/8W,AA,TP,1.8x3.2mm
R143	2001-000977	R-CARBON	8.2KOHM,5%,1/8W,AA,TP,1.8x3.2m
R202	2001-000977	R-CARBON	8.2KOHM,5%,1/8W,AA,TP,1.8x3.2m
R333	2001-000977	R-CARBON	8.2KOHM,5%,1/8W,AA,TP,1.8x3.2m
R521	2001-000977	R-CARBON	8.2KOHM,5%,1/8W,AA,TP,1.8x3.2m
R522	2001-000977	R-CARBON	8.2KOHM,5%,1/8W,AA,TP,1.8x3.2m
R604	2001-000977	R-CARBON	8.2KOHM,5%,1/8W,AA,TP,1.8x3.2m
R605	2001-000977	R-CARBON	8.2KOHM,5%,1/8W,AA,TP,1.8x3.2m
R127	2001-000989	R-CARBON	820Kohm,5%,1/8W,AA,TP,1.8x3.2m
R105	2001-001000	R-CARBON	82Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R106	2001-001000	R-CARBON	82Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R107	2001-001006	R-CARBON	82ohm,5%,1/8W,AA,TP,1.8x3.2mm
R606	2008-000001	R-FUSIBLE	1ohm,5%,1/4W,AA,TP,2.6x6.7mm
C307	2201-000144	C-CERAMIC,DISC	100pF,5%,50V,NPO,8.0X4.0mm,5mm
C317	2201-000144	C-CERAMIC,DISC	100pF,5%,50V,NPO,8.0X4.0mm,5mm
C346	2201-000144	C-CERAMIC,DISC	100pF,5%,50V,NPO,8.0X4.0mm,5mm
C347	2201-000144	C-CERAMIC,DISC	100pF,5%,50V,NPO,8.0X4.0mm,5mm
C348	2201-000144	C-CERAMIC,DISC	100pF,5%,50V,NPO,8.0X4.0mm,5mm
C349	2201-000144	C-CERAMIC,DISC	100pF,5%,50V,NPO,8.0X4.0mm,5mm
C350	2201-000144	C-CERAMIC,DISC	100pF,5%,50V,NPO,8.0X4.0mm,5mm
C621	2201-000144	C-CERAMIC,DISC	100pF,5%,50V,NPO,8.0X4.0mm,5mm
C622	2201-000144	C-CERAMIC,DISC	100pF,5%,50V,NPO,8.0X4.0mm,5mm
C112	2201-000163	C-CERAMIC,DISC	10nF,+80-20%,50V,Y5V,6.5*5.5MM
C113	2201-000163	C-CERAMIC,DISC	10nF,+80-20%,50V,Y5V,6.5*5.5MM
C115	2201-000163	C-CERAMIC,DISC	10nF,+80-20%,50V,Y5V,6.5*5.5MM
C119	2201-000163	C-CERAMIC,DISC	10nF,+80-20%,50V,Y5V,6.5*5.5MM
C125	2201-000163	C-CERAMIC,DISC	10nF,+80-20%,50V,Y5V,6.5*5.5MM
C134	2201-000163	C-CERAMIC,DISC	10nF,+80-20%,50V,Y5V,6.5*5.5MM
C138	2201-000163	C-CERAMIC,DISC	10nF,+80-20%,50V,Y5V,6.5*5.5MM
C142	2201-000163	C-CERAMIC,DISC	10nF,+80-20%,50V,Y5V,6.5*5.5MM
C149	2201-000163	C-CERAMIC,DISC	10nF,+80-20%,50V,Y5V,6.5*5.5MM

C150	2201-000163	C-CERAMIC,DISC	10nF,+80-20%,50V,Y5V,6.5*5.5MM
C152	2201-000163	C-CERAMIC,DISC	10nF,+80-20%,50V,Y5V,6.5*5.5MM
C159	2201-000163	C-CERAMIC,DISC	10nF,+80-20%,50V,Y5V,6.5*5.5MM
C160	2201-000163	C-CERAMIC,DISC	10nF,+80-20%,50V,Y5V,6.5*5.5MM
C161	2201-000163	C-CERAMIC,DISC	10nF,+80-20%,50V,Y5V,6.5*5.5MM
C166	2201-000163	C-CERAMIC,DISC	10nF,+80-20%,50V,Y5V,6.5*5.5MM
C302	2201-000163	C-CERAMIC,DISC	10nF,+80-20%,50V,Y5V,6.5*5.5MM
C314	2201-000163	C-CERAMIC,DISC	10nF,+80-20%,50V,Y5V,6.5*5.5MM
C352	2201-000202	C-CERAMIC,DISC	10pF,5%,50V,NPO,5.0*3.0.5MM,TP
C104	2201-000223	C-CERAMIC,DISC	12pF,5%,50V,NPO,5.0*3.0.2.5mm,
C328	2201-000223	C-CERAMIC,DISC	12pF,5%,50V,NPO,5.0*3.0.2.5mm,
C101	2201-000300	C-CERAMIC,DISC	1nF,20%,50V,Y5T,4x4mm,5mm,TP
C109	2201-000300	C-CERAMIC,DISC	1nF,20%,50V,Y5T,4x4mm,5mm,TP
C114	2201-000300	C-CERAMIC,DISC	1nF,20%,50V,Y5T,4x4mm,5mm,TP
C133	2201-000300	C-CERAMIC,DISC	1nF,20%,50V,Y5T,4x4mm,5mm,TP
C136	2201-000300	C-CERAMIC,DISC	1nF,20%,50V,Y5T,4x4mm,5mm,TP
C304	2201-000300	C-CERAMIC,DISC	1nF,20%,50V,Y5T,4x4mm,5mm,TP
C329	2201-000300	C-CERAMIC,DISC	1nF,20%,50V,Y5T,4x4mm,5mm,TP
C356	2201-000300	C-CERAMIC,DISC	1nF,20%,50V,Y5T,4x4mm,5mm,TP
C363	2201-000300	C-CERAMIC,DISC	1nF,20%,50V,Y5T,4x4mm,5mm,TP
C111	2201-000326	C-CERAMIC,DISC	2.2nF,10%,50V,Y5P,TP,7x3,5
C201	2201-000381	C-CERAMIC,DISC	22nF,+80%,-20% 50V Y5V 8.0*4.0
C311	2201-000381	C-CERAMIC,DISC	22nF,+80%,-20% 50V Y5V 8.0*4.0
C312	2201-000381	C-CERAMIC,DISC	22nF,+80%,-20% 50V Y5V 8.0*4.0
C313	2201-000381	C-CERAMIC,DISC	22nF,+80%,-20% 50V Y5V 8.0*4.0
C325	2201-000381	C-CERAMIC,DISC	22nF,+80%,-20% 50V Y5V 8.0*4.0
C326	2201-000381	C-CERAMIC,DISC	22nF,+80%,-20% 50V Y5V 8.0*4.0
C354	2201-000381	C-CERAMIC,DISC	22nF,+80%,-20% 50V Y5V 8.0*4.0
C360	2201-000381	C-CERAMIC,DISC	22nF,+80%,-20% 50V Y5V 8.0*4.0
C530	2201-000381	C-CERAMIC,DISC	22nF,+80%,-20% 50V Y5V 8.0*4.0
C620	2201-000381	C-CERAMIC,DISC	22nF,+80%,-20% 50V Y5V 8.0*4.0
C635	2201-000381	C-CERAMIC,DISC	22nF,+80%,-20% 50V Y5V 8.0*4.0
C644	2201-000381	C-CERAMIC,DISC	22nF,+80%,-20% 50V Y5V 8.0*4.0
C646	2201-000381	C-CERAMIC,DISC	22nF,+80%,-20% 50V Y5V 8.0*4.0
C647	2201-000381	C-CERAMIC,DISC	22nF,+80%,-20% 50V Y5V 8.0*4.0
C648	2201-000381	C-CERAMIC,DISC	22nF,+80%,-20% 50V Y5V 8.0*4.0
C649	2201-000381	C-CERAMIC,DISC	22nF,+80%,-20% 50V Y5V 8.0*4.0
C207	2201-000389	C-CERAMIC,DISC	22pF,5%,50V,NPO,5.0*3.0.5MM,TP
C208	2201-000389	C-CERAMIC,DISC	22pF,5%,50V,NPO,5.0*3.0.5MM,TP
C303	2201-000397	C-CERAMIC,DISC	24pF,5%,50V,NPO,5.0*3.0.5MM,TP
C308	2201-000397	C-CERAMIC,DISC	24pF,5%,50V,NPO,5.0*3.0,5MM,TP
C156	2201-000423	C-CERAMIC,DISC	27pF,5%,50V,NPO,5.0*3.0.5MM,TP
C157	2201-000423	C-CERAMIC,DISC	27pF,5%,50V,NPO,5.0*3.0.5MM,TP
C319	2201-000432	C-CERAMIC,DISC	2PF,5%,50V,NPO,5.0*3.0
C338	2201-000459	C-CERAMIC,DISC	30pF,5%,50V,NPO,5.0*3.0.5MM,TP
C118	2201-000470	C-CERAMIC,DISC	330pF,10%,50V,SL,8x4mm,5mm,TP
C322	2201-000470	C-CERAMIC,DISC	330pF,10%,50V,SL,8x4mm,5mm,TP
C345	2201-000470	C-CERAMIC,DISC	330pF,10%,50V,SL,8x4mm,5mm,TP
C205	2201-000483	C-CERAMIC,DISC	33pF,5%,50V,NPO,5x3.5mm,5mm,TP
C5	2201-000499	C-CERAMIC,DISC	390pF,5%,50V,SL,8.0*3.0.2.5mm,
C154	2201-000565	C-CERAMIC,DISC	47nF,+80% -20% 50V Y5V 12.5*4.
C351	2201-000565	C-CERAMIC,DISC	47nF,+80% -20% 50V Y5V 12.5*4.
C520	2201-000601	C-CERAMIC,DISC	560pF,10%,50V,Y5P5.0*3.0.5MM,
C524	2201-000601	C-CERAMIC,DISC	560pF,10%,50V,Y5P5.0*3.0.5MM,
C301	2201-000751	C-CERAMIC,DISC	39pF,5%,50V,NPO,5x3.5mm,5mm,TP
C107	2201-000783	C-CERAMIC,DISC	100nF,+80%,-20%,50V,Y5V,-.5mm,
C108	2201-000783	C-CERAMIC,DISC	100nF,+80%,-20%,50V,Y5V,-.5mm,
C110	2201-000783	C-CERAMIC,DISC	100nF,+80%,-20%,50V,Y5V,-.5mm,
C123	2201-000783	C-CERAMIC,DISC	100nF,+80%,-20%,50V,Y5V,-.5mm,
C124	2201-000783	C-CERAMIC,DISC	100nF,+80%,-20%,50V,Y5V,-.5mm,
C146	2201-000783	C-CERAMIC,DISC	100nF,+80%,-20%,50V,Y5V,-.5mm,
C147	2201-000783	C-CERAMIC,DISC	100nF,+80%,-20%,50V,Y5V,-.5mm,
C155	2201-000783	C-CERAMIC,DISC	100nF,+80%,-20%,50V,Y5V,-.5mm,
C306	2201-000783	C-CERAMIC,DISC	100nF,+80%,-20%,50V,Y5V,-.5mm,
C340	2201-000783	C-CERAMIC,DISC	100nF,+80%,-20%,50V,Y5V,-.5mm,
C380	2201-000783	C-CERAMIC,DISC	100nF,+80%,-20%,50V,Y5V,-.5mm,
C607	2201-000783	C-CERAMIC,DISC	100nF,+80%,-20%,50V,Y5V,-.5mm,
C608	2201-000783	C-CERAMIC,DISC	100nF,+80%,-20%,50V,Y5V,-.5mm,
C612	2201-000783	C-CERAMIC,DISC	100nF,+80%,-20%,50V,Y5V,-.5mm,
C613	2201-000783	C-CERAMIC,DISC	100nF,+80%,-20%,50V,Y5V,-.5mm,
C614	2201-000783	C-CERAMIC,DISC	100nF,+80%,-20%,50V,Y5V,-.5mm,
C309	2201-000838	C-CERAMIC,DISC	3PF,0.3PF,50V,CH,TP,5*3.5
C310	2201-000868	C-CERAMIC,DISC	8PF,5%,50V,RH,TP,5*3
C105	2301-000379	C-FILM,PEF	10nF,10%,50V,6x12x3.5,TP
C332	2301-000379	C-FILM,PEF	10nF,10%,50V,6x12x3.5,TP
C333	2301-000379	C-FILM,PEF	10nF,10%,50V,6x12x3.5,TP
C117	2301-000387	C-FILM,PEF	150nF,10%,50V,12.5x15x7.5,TP
C639	2301-000387	C-FILM,PEF	150nF,10%,50V,12.5x15x7.5,TP
C642	2301-000387	C-FILM,PEF	150nF,10%,50V,12.5x15x7.5,TP
C507	2301-000400	C-FILM,PEF	1nF,10%,50V,5.5x12x3,TP
C509	2301-000400	C-FILM,PEF	1nF,10%,50V,5.5x12x3,TP
C626	2301-000400	C-FILM,PEF	1nF,10%,50V,5.5x12x3,TP
C629	2301-000400	C-FILM,PEF	1nF,10%,50V,5.5x12x3,TP
C701	2301-000400	C-FILM,PEF	1nF,10%,50V,5.5x12x3,TP
C334	2301-000404	C-FILM,PEF	2.2nF,10%,50V,5.5x12x3,TP
C335	2301-000404	C-FILM,PEF	2.2nF,10%,50V,5.5x12x3,TP
C510	2301-000404	C-FILM,PEF	2.2nF,10%,50V,5.5x12x3,TP
C513	2301-000404	C-FILM,PEF	2.2nF,10%,50V,5.5x12x3,TP
C318	2301-000412	C-FILM,PEF	22nF,10%,50V,8x12x4,TP
C116	2301-000430	C-FILM,PEF	33nF,10%,50V,9x12.5x4.5,TP
C128	2301-000430	C-FILM,PEF	33nF,10%,50V,9x12.5x4.5,TP
C144	2301-000430	C-FILM,PEF	33nF,10%,50V,9x12.5x4.5,TP
C330	2301-000430	C-FILM,PEF	33nF,10%,50V,9x12.5x4.5,TP
C517	2301-000430	C-FILM,PEF	33nF,10%,50V,9x12.5x4.5,TP
C527	2301-000430	C-FILM,PEF	33nF,10%,50V,9x12.5x4.5,TP
C103	2301-000442	C-FILM,PEF	4.7nF,10%,50V,6x12x3,TP
C605	2301-000453	C-FILM,PEF	5.6NF,10%,50V,5.5X7X3MM,5
C606	2301-000453	C-FILM,PEF	5.6NF,10%,50V,5.5X7X3MM,5
C361	2301-000469	C-FILM,PEF	68nF,10%,50V,10x12.5x5.5,TP
C315	2301-000476	C-FILM,PEF	82nF,10%,50V,10.5x12.5x6,TP
C321	2301-000476	C-FILM,PEF	82nF,10%,50V,10.5x12.5x6,TP
C362	2301-000476	C-FILM,PEF	82nF,10%,50V,10.5x12.5x6,TP
C327	2302-000232	C-FILM,PSF	360pF,5%,50V,5.5x11.5,BK
C209	2401-000213	C-AL	100NF,20%,50V,GP,3*5.2.5MM,TP
C122	2401-000240	C-AL	100uF,20%,10V,GP,5*11mm,5mm,TP
C126	2401-000240	C-AL	100uF,20%,10V,GP,5*11mm,5mm,TP
C129	2401-000240	C-AL	100uF,20%,10V,GP,5*11mm,5mm,TP
C130	2401-000240	C-AL	100uF,20%,10V,GP,5*11mm,5mm,TP
C131	2401-000240	C-AL	100uF,20%,10V,GP,5*11mm,5mm,TP
C141	2401-000240	C-AL	100uF,20%,10V,GP,5*11mm,5mm,TP
C143	2401-000240	C-AL	100uF,20%,10V,GP,5*11mm,5mm,TP
C151	2401-000240	C-AL	100uF,20%,10V,GP,5*11mm,5mm,TP
C162	2401-000240	C-AL	100uF,20%,10V,GP,5*11mm,5mm,TP
C355	2401-000240	C-AL	100uF,20%,10V,GP,5*11mm,5mm,TP
C514	2401-000240	C-AL	100uF,20%,10V,GP,5*11mm,5mm,TP
C525	2401-000240	C-AL	100uF,20%,10V,GP,5*11mm,5mm,TP
C9	2401-000240	C-AL	100uF,20%,10V,GP,5*11mm,5mm,TP
C121	2401-000419	C-AL	10UF,20%,16V,GP,5*11,5MM,TP
C202	2401-000419	C-AL	10UF,20%,16V,GP,5*11,5MM,TP
C210	2401-000419	C-AL	10UF,20%,16V,GP,5*11,5MM,TP
C323	2401-000419	C-AL	10UF,20%,16V,GP,5*11,5MM,TP
C324	2401-000419	C-AL	10UF,20%,16V,GP,5*11,5MM,TP
C601	2401-000419	C-AL	10UF,20%,16V,GP,5*11,5MM,TP
C604	2401-000419	C-AL	10UF,20%,16V,GP,5*11,5MM,TP
C529	2401-000795	C-AL	220uF,20%,16V,GP,8*12,5MM,TP
C3	2401-000830	C-AL	220uF,20%,25V,GP,8*11.5,5MM,TP
C531	2401-000907	C-AL	22uF,20%,16V,GP,5*11,5MM,TP
C628	2401-001022	C-AL	3.3UF,20%,50V,SME,5*11,5MM,TP
C1	2401-001511	C-AL	47uF,20%,16V,GP,6*7,5MM,TP
C204	2401-001511	C-AL	47uF,20%,16V,GP,6*7,5MM,TP
C251	2401-001511	C-AL	47uF,20%,16V,GP,6*7,5MM,TP
C343	2401-001511	C-AL	47uF,20%,16V,GP,6*7,5MM,TP
C623	2401-001511	C-AL	47uF,20%,16V,GP,6*7,5MM,TP
C624	2401-001511	C-AL	47uF,20%,16V,GP,6*7,5MM,TP
C627	2401-001511	C-AL	47uF,20%,16V,GP,6*7,5MM,TP
C630	2401-001511	C-AL	47uF,20%,16V,GP,6*7,5MM,TP
C640	2401-001511	C-AL	47uF,20%,16V,GP,6*7,5MM,TP
C704	2401-001511	C-AL	47uF,20%,16V,GP,6*7,5MM,TP
C4	2401-001883	C-AL	1000uF,20%,25V,GP,13x21mm,5mm,
C619	2401-001883	C-AL	1000uF,20%,25V,GP,13x21mm,5mm,
C618	2401-001893	C-AL	100uF,20%,16V,GP,6*7,5MM,TP
C637	2401-001893	C-AL	100uF,20%,16V,GP,6*7,5MM,TP
C641	2401-001893	C-AL	100uF,20%,16V,GP,6*7,5MM,TP
C106	2401-001912	C-AL	1uF,20%,50V,GP,5*11,5mm,TP
C336	2401-001912	C-AL	1uF,20%,50V,GP,5*11,5mm,TP
C337	2401-001912	C-AL	1uF,20%,50V,GP,5*11,5mm,TP
C518	2401-001912	C-AL	1uF,20%,50V,GP,5*11,5mm,TP
C528	2401-001912	C-AL	1uF,20%,50V,GP,5*11,5mm,TP
C551	2401-001912	C-AL	1uF,20%,50V,GP,5*11,5mm,TP
C552	2401-001912	C-AL	1uF,20%,50V,GP,5*11,5mm,TP
C602	2401-001912	C-AL	1uF,20%,50V,GP,5*11,5mm,TP
C603	2401-001912	C-AL	1uF,20%,50V,GP,5*11,5mm,TP
C608	2401-001912	C-AL	1uF,20%,50V,GP,5*11,5mm,TP
C610	2401-001912	C-AL	1uF,20%,50V,GP,5*11,5mm,TP
C651	2401-001912	C-AL	1uF,20%,50V,GP,5*11,5mm,TP
C652	2401-001912	C-AL	1uF,20%,50V,GP,5*11,5mm,TP
C638	2401-001923	C-AL	2200uF,20%,16V,GP,13*16MM,5MM
C643	2401-001923	C-AL	2200uF,20%,16V,GP,13*16MM,5MM
C615	2401-001925	C-AL	2200uF,20%,25V,GP,BK
C167	2401-001942	C-AL	3300uF,20%,35V,GP,18x37mm,7.5m
C127	2401-001954	C-AL	4.7UF,20%,50V,GP,5*11,5MM,TP
C132	2401-001954	C-AL	4.7UF,20%,50V,GP,5*11,5MM,TP
C135	2401-001954	C-AL	4.7UF,20%,50V,GP,5*11,5MM,TP
C137	2401-001954	C-AL	4.7UF,20%,50V,GP,5*11,5MM,TP
C139	2401-001954	C-AL	4.7UF,20%,50V,GP,5*11,5MM,TP
C140	2401-001954	C-AL	4.7UF,20%,50V,GP,5*11,5MM,TP
C331	2401-001954	C-AL	4.7UF,20%,50V,GP,5*11,5MM,TP
C625	2401-001954	C-AL	4.7UF,20%,50V,GP,5*11,5MM,TP
C631	2401-001954	C-AL	4.7UF,20%,50V,GP,5*11,5MM,TP
C145	2401-001968	C-AL	470nF,20%,50V,GP,5*11,5mm,TP
C148	2401-001968	C-AL	470nF,20%,50V,GP,5*11,5mm,TP
C344	2401-001968	C-AL	470nF,20%,50V,GP,5*11,5mm,TP
C609	2401-002180	C-AL	2.2uF,20%,50V,GP,5*11,5mm,TP
C611	2401-002180	C-AL	2.2uF,20%,50V,GP,5*11,5mm,TP
C616	2401-003116	C-AL	4700UF,20%,35V-,18*35,5MM
TC301	2502-000127	C-CERAMIC TRIMMER	20-4.6pF,+50-0%,100V
TC302	2502-000127	C-CERAMIC TRIMMER	20-4.6pF,+50-0%,100V
L201	2701-000111	INDUCTOR-AXIAL	100uH,10%,2.5x3.4,LAL02TB101K
L251	2701-000111	INDUCTOR-AXIAL	100uH,10%,2.5x3.4,LAL02TB101K
L305	2701-000111	INDUCTOR-AXIAL	100uH,10%,2.5x3.4,LAL02TB101K
L306	2701-000111	INDUCTOR-AXIAL	100uH,10%,2.5x3.4,LAL02TB101K
L307	2701-000111	INDUCTOR-AXIAL	100uH,10%,2.5x3.4,LAL02TB101K
L308	2701-000111	INDUCTOR-AXIAL	100uH,10%,2.5x3.4,LAL02TB101K
L603	2701-000111	INDUCTOR-AXIAL	100uH,10%,2.5x3.4,LAL02TB101K
L1	2701-000178	INDUCTOR-AXIAL	33uH,10%,2.8x7mm,BAL03ST330K
L101	2701-000178	INDUCTOR-AXIAL	33uH,10%,2.8x7mm,BAL03ST330K

Location			
L102	2701-000178	INDUCTOR-AXIAL	33uH,10%,2.8x7mm,BAL03ST330K
L103	2701-000178	INDUCTOR-AXIAL	33uH,10%,2.8x7mm,BAL03ST330K
L104	2701-000178	INDUCTOR-AXIAL	33uH,10%,2.8x7mm,BAL03ST330K
X305	2801-000734	CRYSTAL-UNIT	7.2MHz,50ppm,28-AAM,12pF,30ohm
X202	2801-001394	CRYSTAL-UNIT	32.768KHz,20ppm,28-AAY,12.5pF,
X201	2802-000158	RESONATOR-CERAMIC	4MHz,0.5%,TP,10.0x5.0x7.5mm
X304	2802-000215	RESONATOR-CERAMIC	456F15KHZ,+-3BHZ,7.2*3.5*9
X301	2903-000105	FILTER-CERAMIC	10.7MS3G/BP,10.7MHZ+-25KHZ,180
X303	2903-000109	FILTER-CERAMIC	10.7MG16-A/BP,10.7MHZ+-30KHZ30
	3301-000325	CORE-FERRITE BEAD	AB,3.2x2.5x1.3mm,-,-

AH92-01072D ASSY CONTROL PCB 0001-00M50-00 RCD-M50/55

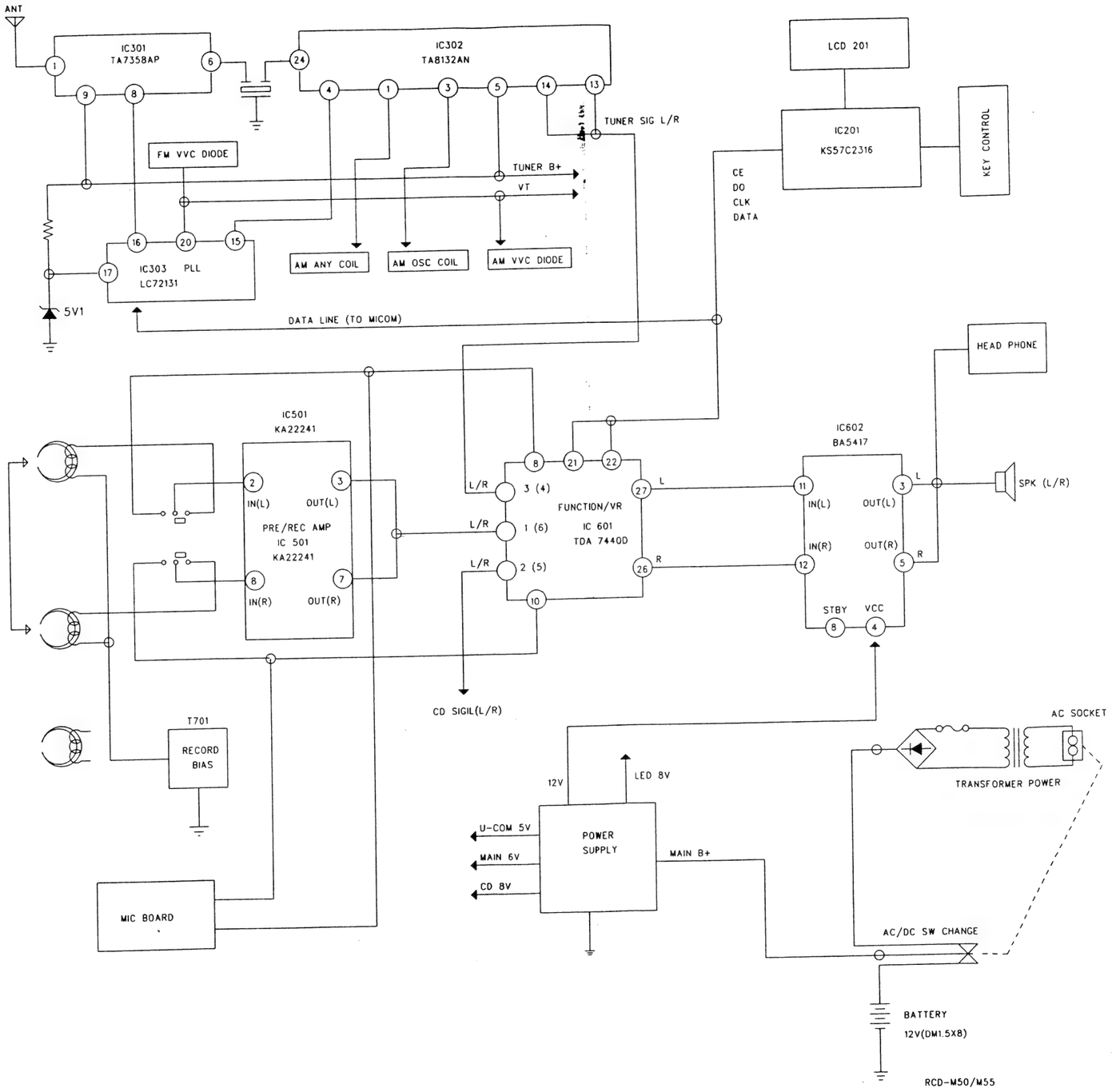
BACK	AH81-00382V	SWITCH-TACT	0324-10054-04,TS-065001-150,4P
CD	AH81-00382V	SWITCH-TACT	0324-10054-04,TS-065001-150,4P
CD-REPEAT	AH81-00382V	SWITCH-TACT	0324-10054-04,TS-065001-150,4P
CLASSIC	AH81-00382V	SWITCH-TACT	0324-10054-04,TS-065001-150,4P
CLOCK	AH81-00382V	SWITCH-TACT	0324-10054-04,TS-065001-150,4P
FM-MODE	AH81-00382V	SWITCH-TACT	0324-10054-04,TS-065001-150,4P
NEXT	AH81-00382V	SWITCH-TACT	0324-10054-04,TS-065001-150,4P
POP	AH81-00382V	SWITCH-TACT	0324-10054-04,TS-065001-150,4P
POWER	AH81-00382V	SWITCH-TACT	0324-10054-04,TS-065001-150,4P
PROGRAM	AH81-00382V	SWITCH-TACT	0324-10054-04,TS-065001-150,4P
REPEAT	AH81-00382V	SWITCH-TACT	0324-10054-04,TS-065001-150,4P
ROCK	AH81-00382V	SWITCH-TACT	0324-10054-04,TS-065001-150,4P
S-BASS	AH81-00382V	SWITCH-TACT	0324-10054-04,TS-065001-150,4P
SLEEP	AH81-00382V	SWITCH-TACT	0324-10054-04,TS-065001-150,4P
STOP	AH81-00382V	SWITCH-TACT	0324-10054-04,TS-065001-150,4P
TAPE	AH81-00382V	SWITCH-TACT	0324-10054-04,TS-065001-150,4P
TIME	AH81-00382V	SWITCH-TACT	0324-10054-04,TS-065001-150,4P
TUNER	AH81-00382V	SWITCH-TACT	0324-10054-04,TS-065001-150,4P
VOL-UP	AH81-00382V	SWITCH-TACT	0324-10054-04,TS-065001-150,4P
VOL-DOWN	AH81-00382V	SWITCH-TACT	0324-10054-04,TS-065001-150,4P
Q613	AH81-00383H	TR-SMALL	0329-9014C-17,SS9014C,-,-
D601	AH81-00444P	LED	0346-20076-00,L-474SGT(GRN),-
D602	AH81-00444P	LED	0346-20076-00,L-474SGT(GRN),-
D603	AH81-00444P	LED	0346-20076-00,L-474SGT(GRN),-
D604	AH81-00444P	LED	0346-20076-00,L-474SGT(GRN),-
D605	AH81-00444P	LED	0346-20076-00,L-474SGT(GRN),-
D606	AH81-00444P	LED	0346-20076-00,L-474SGT(GRN),-
Q612	AH81-00444S	TR-SMALL	0329-0562C-00,2SB562C,-,-
D253	0401-000101	DIODE-SWITCHING	1N4148,100V,200mA,500mW,4nS
D254	0401-000101	DIODE-SWITCHING	1N4148,100V,200mA,500mW,4nS
D255	0401-000101	DIODE-SWITCHING	1N4148,100V,200mA,500mW,4nS
D256	0401-000101	DIODE-SWITCHING	1N4148,100V,200mA,500mW,4nS
Q614	0502-000303	TR-POWER	KSD882,NPNA,1W
R642	2001-000273	R-CARBON	100Kohm,5%,1/8W,AA,TP,1.8x3.2m
R644	2001-000515	R-CARBON	220ohm,5%,1/8W,AA,TP,1.8x3.2mm
R645	2001-000515	R-CARBON	220ohm,5%,1/8W,AA,TP,1.8x3.2mm
R646	2001-000515	R-CARBON	220ohm,5%,1/8W,AA,TP,1.8x3.2mm
R647	2001-000515	R-CARBON	220ohm,5%,1/8W,AA,TP,1.8x3.2mm
R643	2001-000780	R-CARBON	470ohm,5%,1/8W,AA,TP,1.8x3.2mm
R255	2001-000786	R-CARBON	47Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R256	2001-000786	R-CARBON	47Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R257	2001-000786	R-CARBON	47Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R258	2001-000786	R-CARBON	47Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R259	2001-000786	R-CARBON	47Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R260	2001-000786	R-CARBON	47Kohm,5%,1/8W,AA,TP,1.8x3.2mm
C645	2401-001893	C-AL	100uF,20%,16V,GP,5*7.5MM,TP

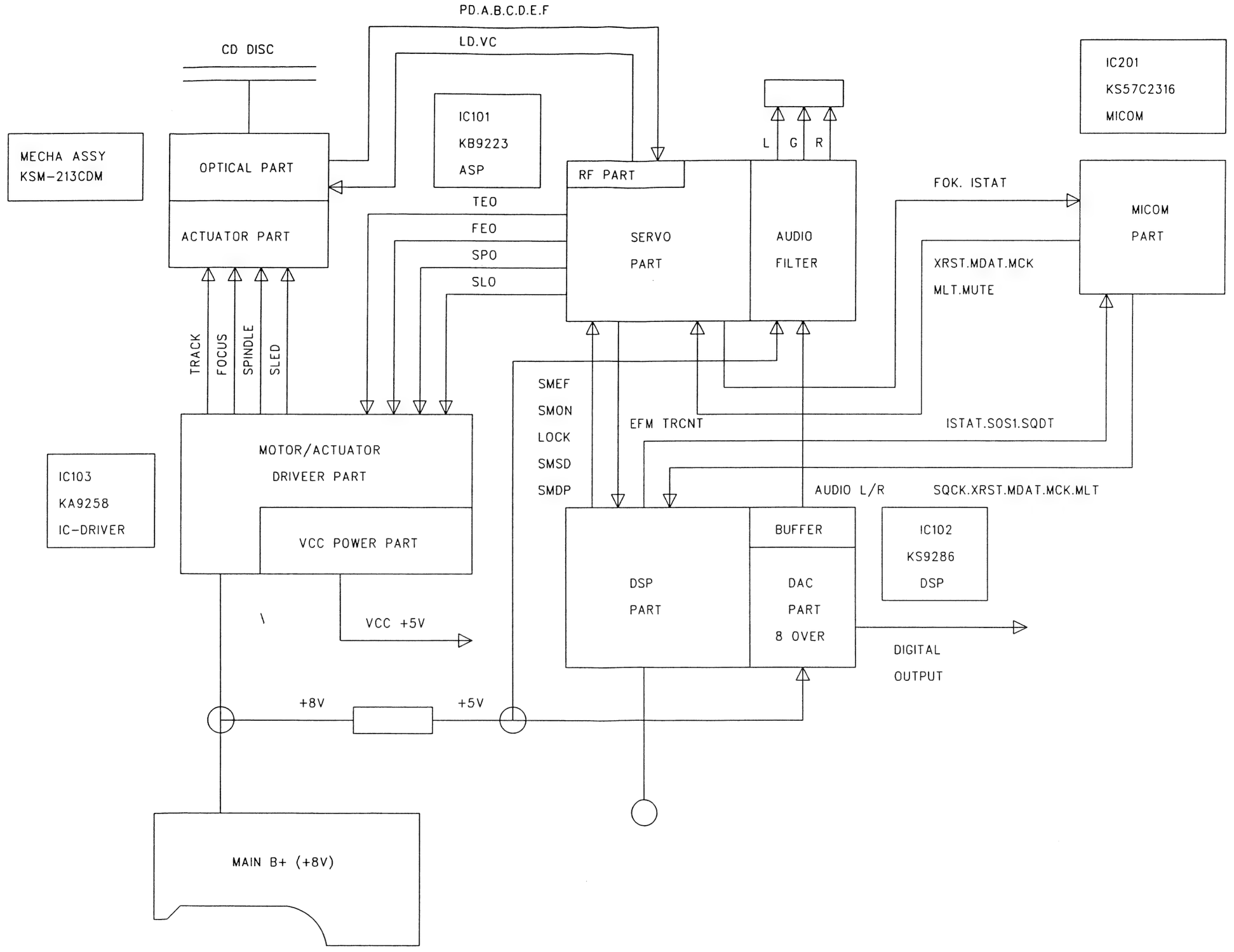
AH92-01072E ASSY MIC PCB 0001-00M50-02 RCDM50/55

HP1	AH81-00384J	JACK-PHONE,H/P	0322-10147-01,EJS-3-0735G,3.5M
J801	AH81-00446E	JACK-PHONE	0322-10158-00,EJS-3-0435,-,-
R3	2001-000429	R-CARBON	1Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R6	2001-000429	R-CARBON	1Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R11	2001-000449	R-CARBON	2.2Kohm,5%,1/8W,AA,TP,1.8x3.2m
R14	2001-000449	R-CARBON	2.2Kohm,5%,1/8W,AA,TP,1.8x3.2m
R9	2001-000449	R-CARBON	2.2Kohm,5%,1/8W,AA,TP,1.8x3.2m
R1	2001-000515	R-CARBON	220ohm,5%,1/8W,AA,TP,1.8x3.2mm
R2	2001-000515	R-CARBON	220ohm,5%,1/8W,AA,TP,1.8x3.2mm
R13	2001-000522	R-CARBON	22Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R16	2001-000522	R-CARBON	22Kohm,5%,1/8W,AA,TP,1.8x3.2mm
R4	2001-000666	R-CARBON	33ohm,5%,1/8W,AA,TP,1.8x3.2mm
R5	2001-000666	R-CARBON	33ohm,5%,1/8W,AA,TP,1.8x3.2mm
R10	2001-000773	R-CARBON	470Kohm,5%,1/8W,AA,TP,1.8x3.2m
R15	2001-000773	R-CARBON	470Kohm,5%,1/8W,AA,TP,1.8x3.2m
R5	2001-000773	R-CARBON	470Kohm,5%,1/8W,AA,TP,1.8x3.2m
R7	2001-000995	R-CARBON	820ohm,5%,1/8W,AA,TP,1.8x3.2mm
R8	2001-000995	R-CARBON	820ohm,5%,1/8W,AA,TP,1.8x3.2mm
C2	2201-000300	C-CERAMIC,DISC	1nF,20%,50V,Y5T,4x4mm,5mm,TP
C7	2201-000300	C-CERAMIC,DISC	1nF,20%,50V,Y5T,4x4mm,5mm,TP
C9	2201-000300	C-CERAMIC,DISC	1nF,20%,50V,Y5T,4x4mm,5mm,TP
C6	2201-000381	C-CERAMIC,DISC	22nF,+80%,-20% 50V Y5V 8.0*4.0
C1	2201-000565	C-CERAMIC,DISC	47nF,+80% -20% 50V Y5V 12.5*4.
C3	2201-000783	C-CERAMIC,DISC	100nF,+80%,-20%,50V,Y5V,-.5mm,
C5	2201-000783	C-CERAMIC,DISC	100nF,+80%,-20%,50V,Y5V,-.5mm,
C8	2201-000783	C-CERAMIC,DISC	100nF,+80%,-20%,50V,Y5V,-.5mm,
C4	2401-001364	C-AL	470uF,20%,16V,GP,10x12.5,5MM,T
L1	2701-000111	INDUCTOR-AXIAL	100uH,10%,2.5x3.4,LAL02TB101K
L2	2701-000111	INDUCTOR-AXIAL	100uH,10%,2.5x3.4,LAL02TB101K
L3	3301-000325	CORE-FERRITE BEAD	AB,3.2x2.5x1.3mm,-,-
L4	3301-000325	CORE-FERRITE BEAD	AB,3.2x2.5x1.3mm,-,-
	AH92-01072F	ASSY BATTERY	0002-CDM30-07 RCDM50/55 MAIN
	AH92-01072G	ASSY PCB-LAMP(LCD)	RCD-M50/55 MAIN,-
	AH92-01072H	ASSY PCB-KEY 1	RCD-M50/55 MAIN,-
	AH92-01072J	ASSY PCB-KEY 2	RCD-M50/55 MAIN,-
	AH92-01072K	ASSY PCB-SENSOR	RCD-M50/55 MAIN,-
	AH97-00740B	ASSY MACHINERY	RCD-M50/55MAIN,-
	AH81-00384H	SPEAKER-GENERAL	0118-03102-00,4.5W,4OHM/BLK-C
	AH81-00384L	DECK-CDP,CMS-N75VG6	0115-60M30-0J,
	AJ75-00601F	CD PICK UP,SOH-AA	D51SG6 RCD390/RCDM30/35
	AH81-00427A	DECK-CASSET	0115-10M35-0F,TN-59RV-117,A/R

5. Block Diagram

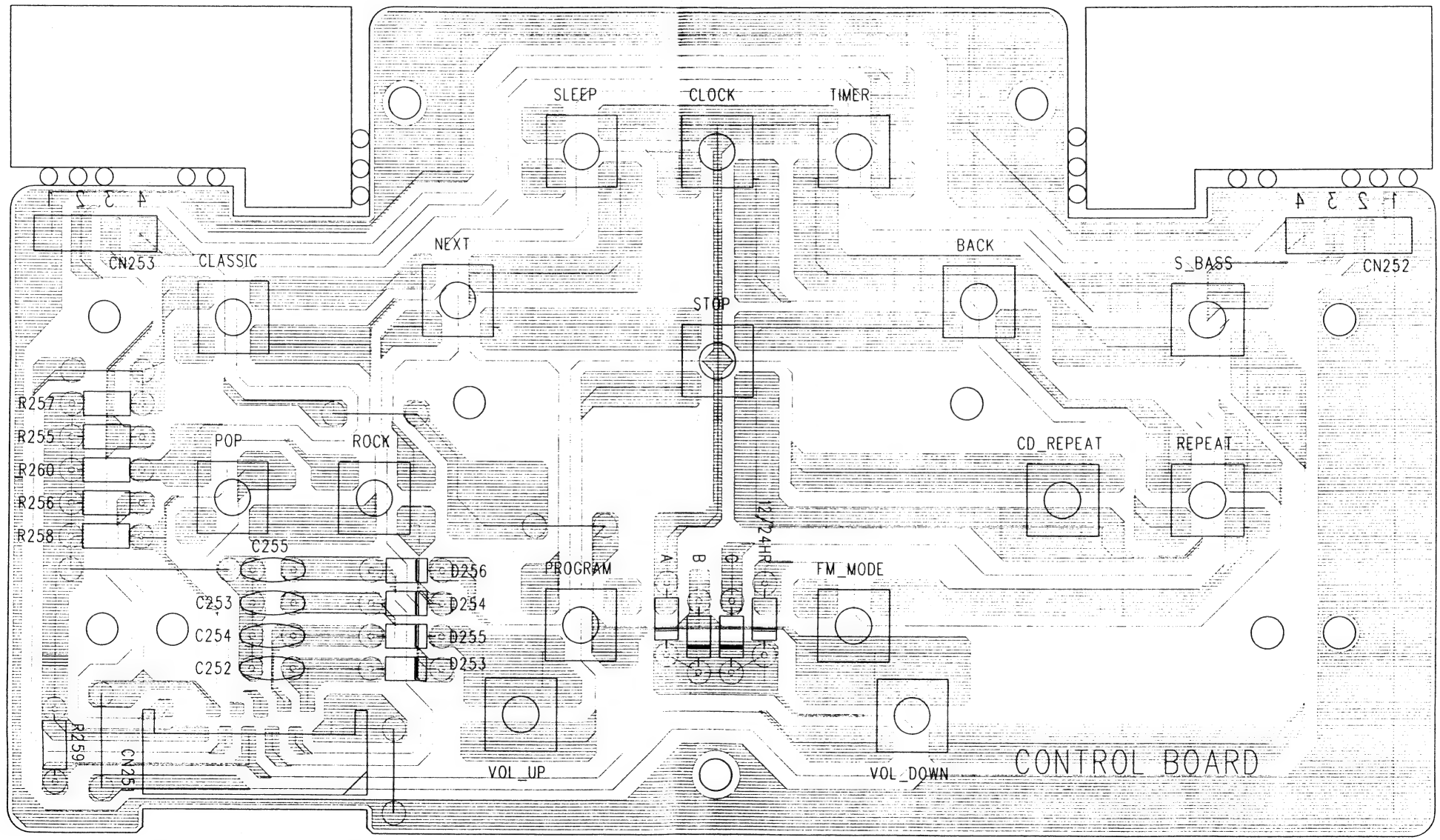
5-1 Main

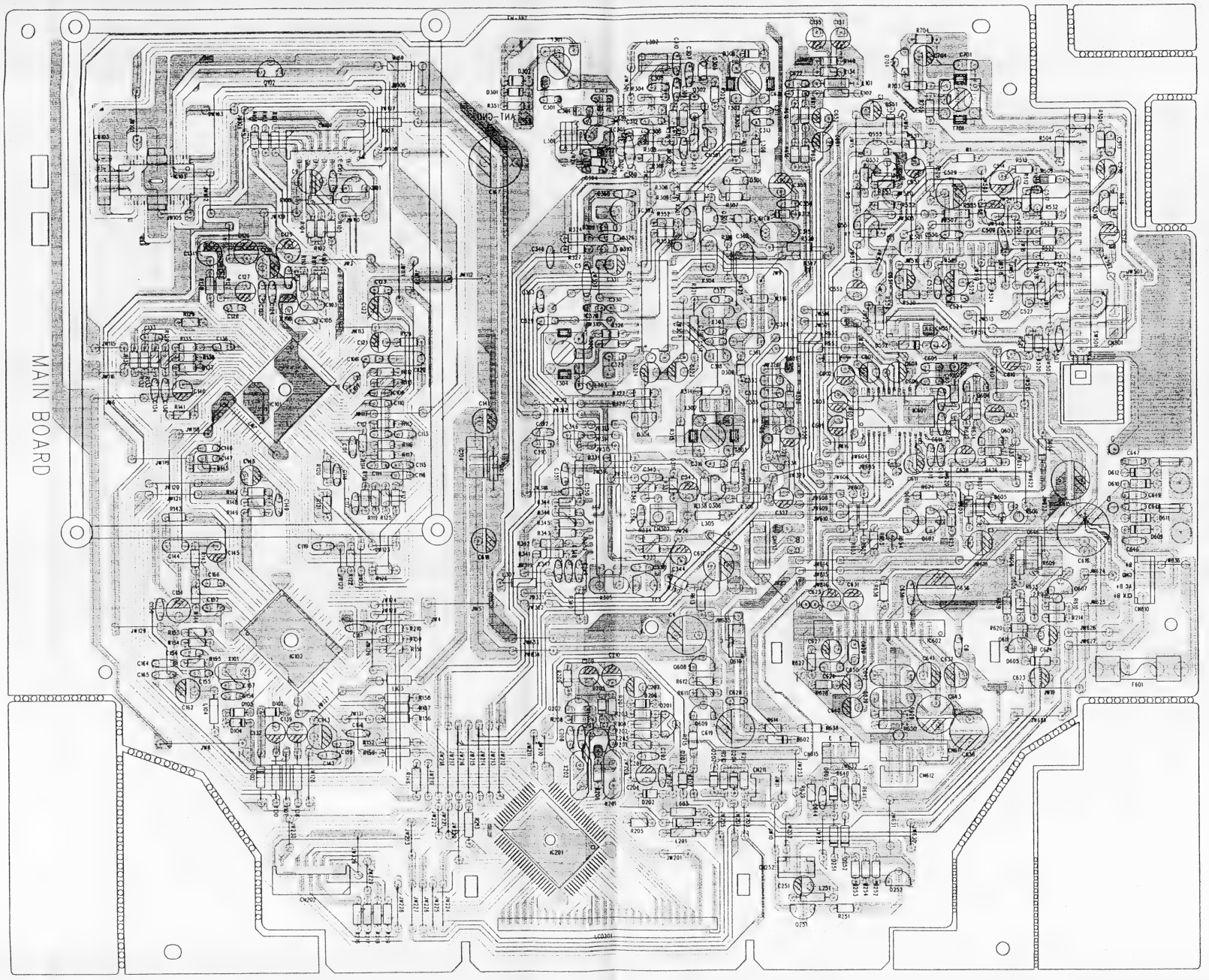


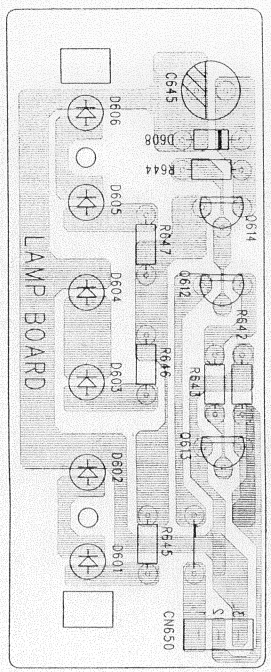

PD.A.B.C.D.E.F
LD.VC
CD DISC
MECHA ASSY
KSM-213CDM
OPTICAL PART
ACTUATOR PART
IC101
KB9223
ASP
L G R
RF PART
SERVO
PART
AUDIO
FILTER
IC201
KS57C2316
MICOM
MICOM
PART
FOK. ISTAT
XRST.MDAT.MCK
MLT.MUTE
TEO
FEO
SPO
SLO
TRACK
FOCUS
SPINDLE
SLED
SMEF
SMON
LOCK
SMSD
SMDP
EFM TRCNT
ISTAT.SOS1.SQDT
MOTOR/ACTUATOR
DRIVEER PART
IC103
KA9258
IC-DRIVER
VCC POWER PART
VCC +5V
AUDIO L/R
SQCK.XRST.MDAT.MCK.MLT
BUFFER
DSP
PART
DAC
PART
8 OVER
IC102
KS9286
DSP
DIGITAL
OUTPUT
+8V
+5V
MAIN B+ (+8V)

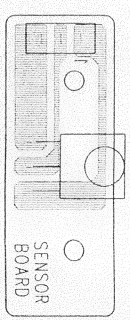
6. Printed Circuit Board Diagram

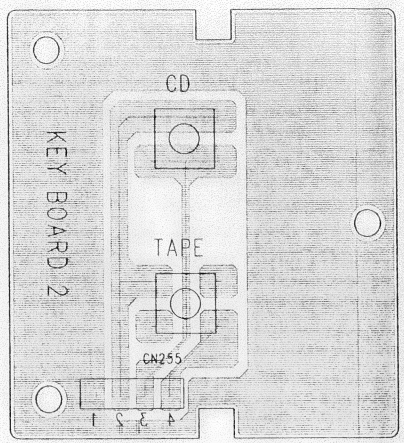
6-1. CONTROL PCB

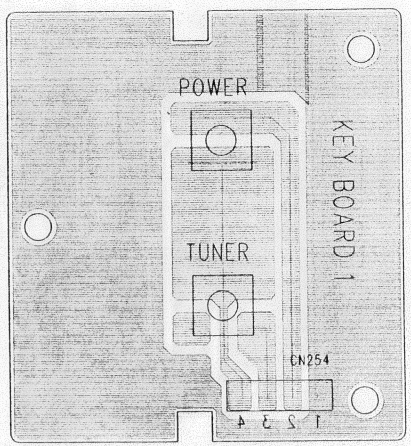


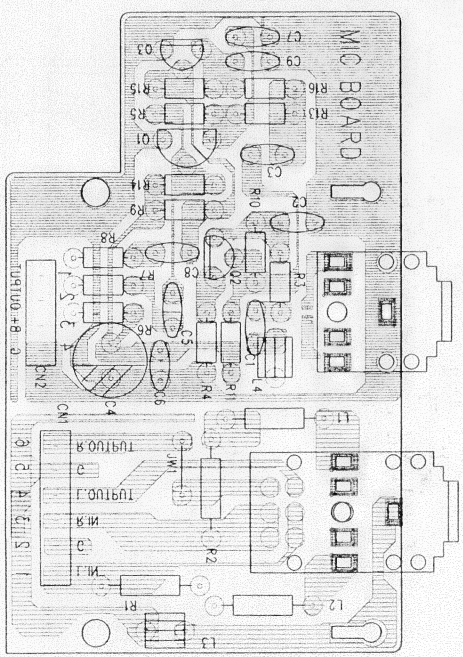

MAIN BOARD

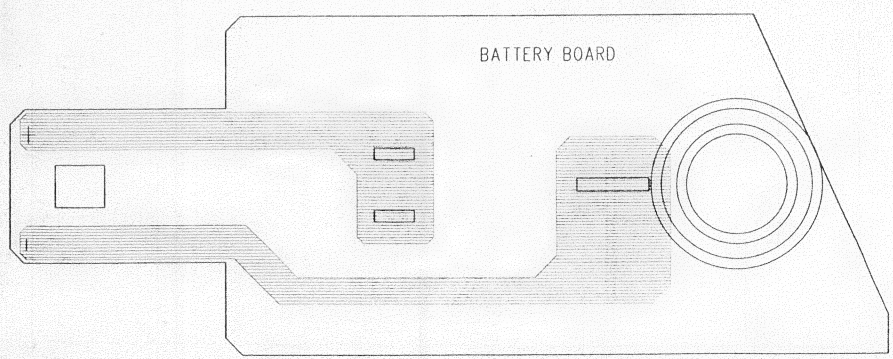

LAMP BOARD
D606
D605
D604
D603
D602
D601
C645
D608
R644
D614
R647
Q612
R642
R646
R643
Q613
R645
CN650

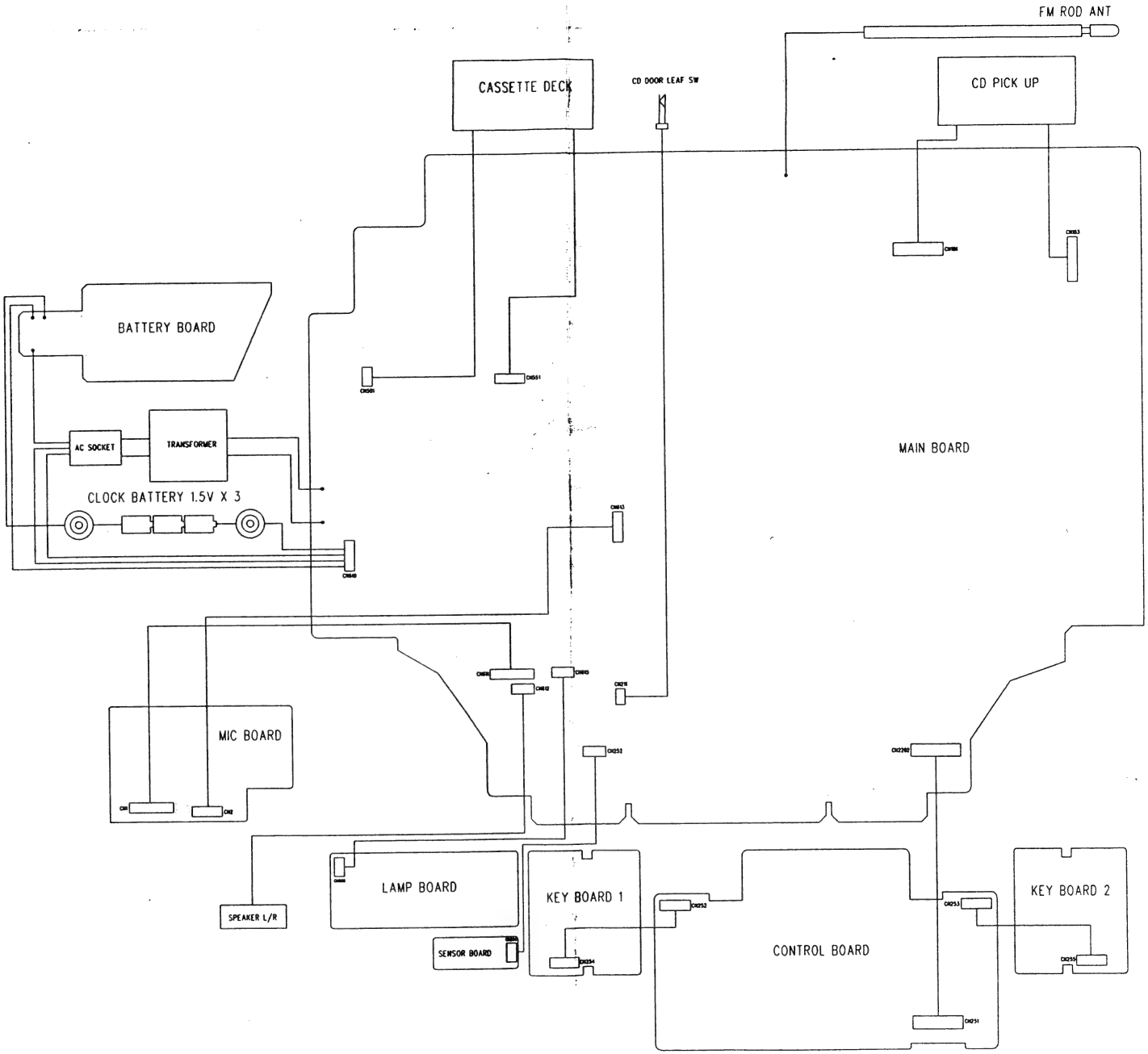

SENSOR BOARD


KEY BOARD 2
CD
TAPE
CN255


KEY BOARD 1
POWER
TUNER
CN254

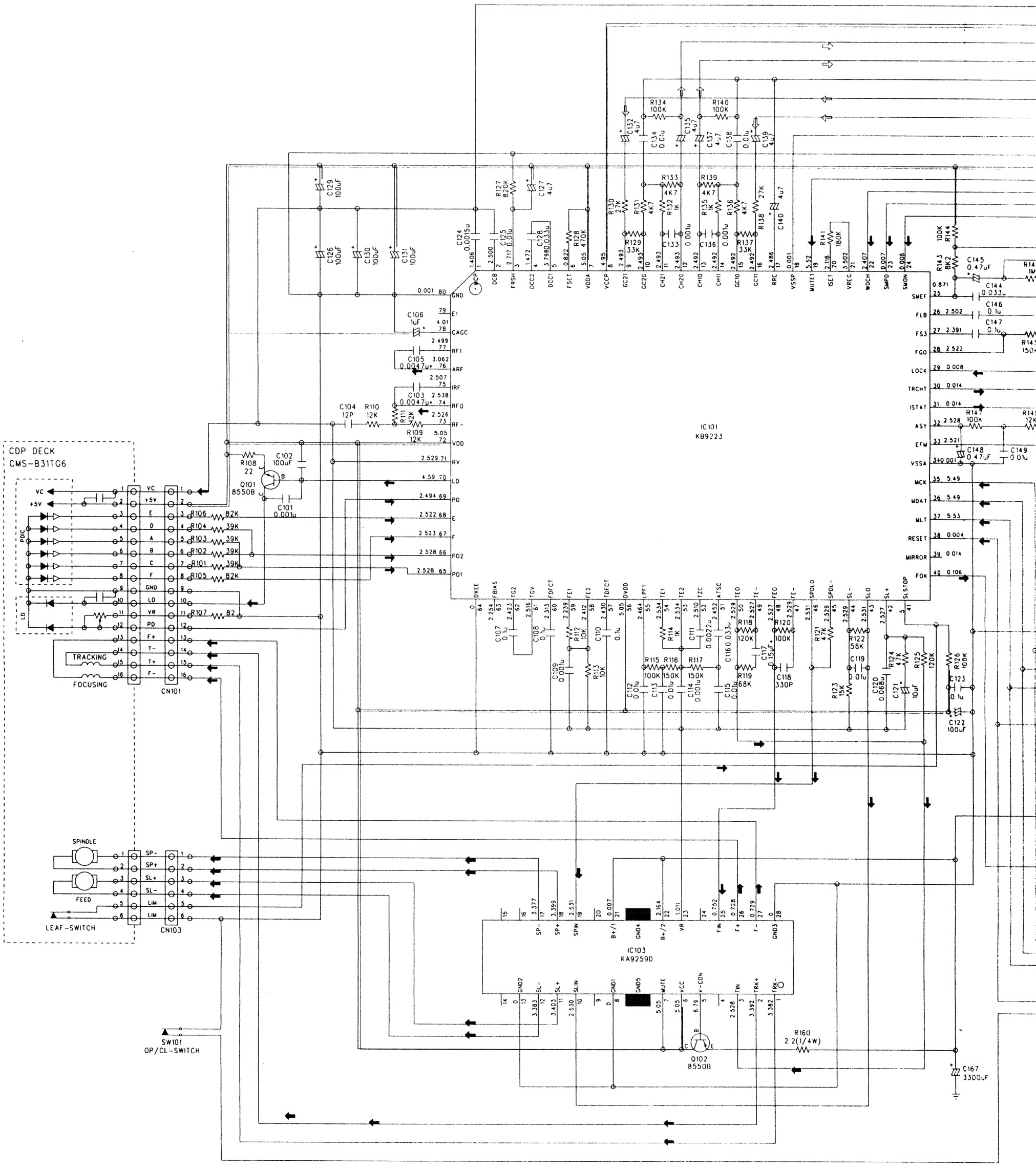

MIC BOARD

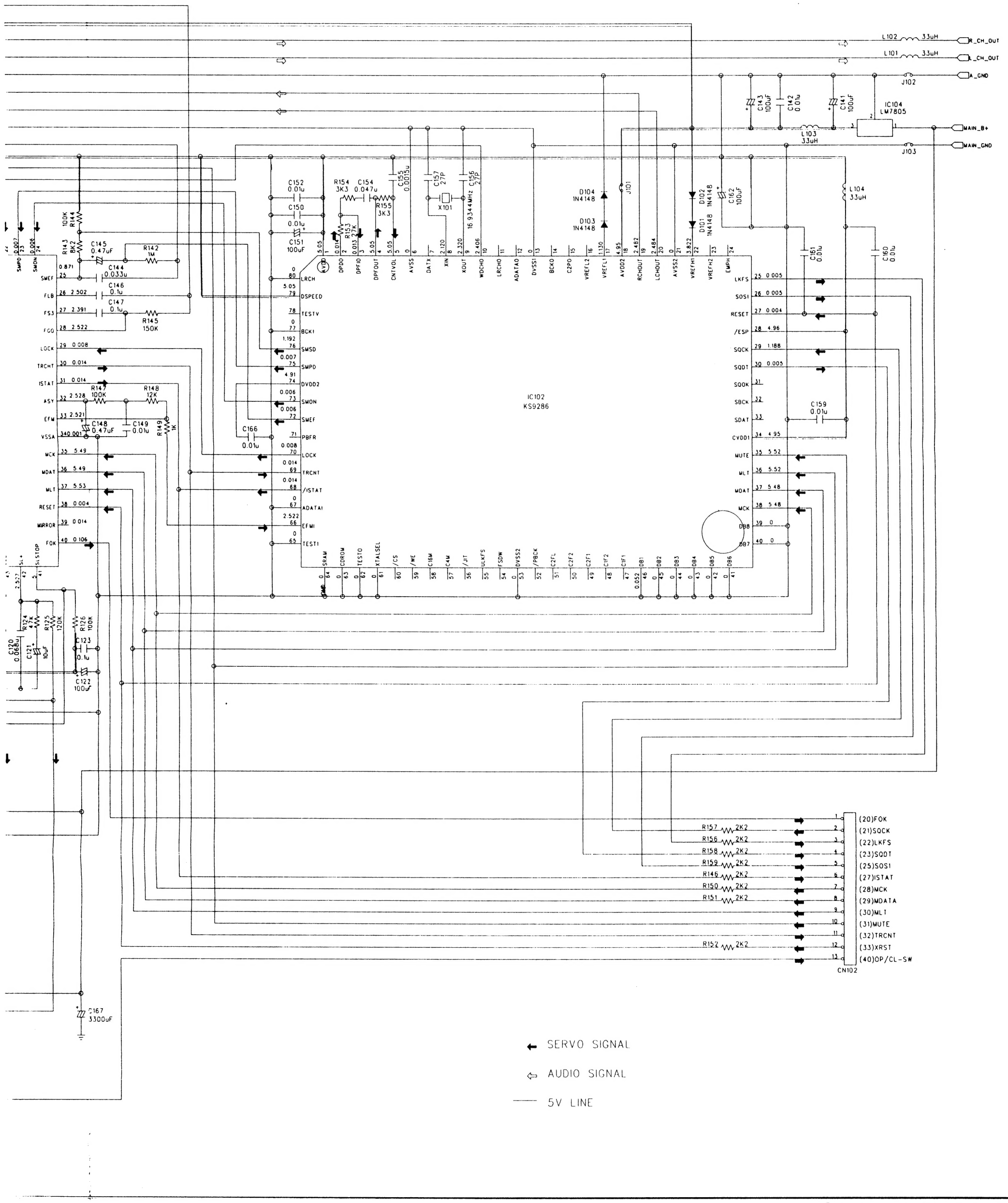

BATTERY BOARD


FM ROD ANT
CASSETTE DECK
CD DOOR LEAF SW
CD PICK UP
BATTERY BOARD
AC SOCKET
TRANSFORMER
CLOCK BATTERY 1.5V X 3
MAIN BOARD
MIC BOARD
LAMP BOARD
KEY BOARD 1
KEY BOARD 2
SPEAKER L/R
SENSOR BOARD
CONTROL BOARD

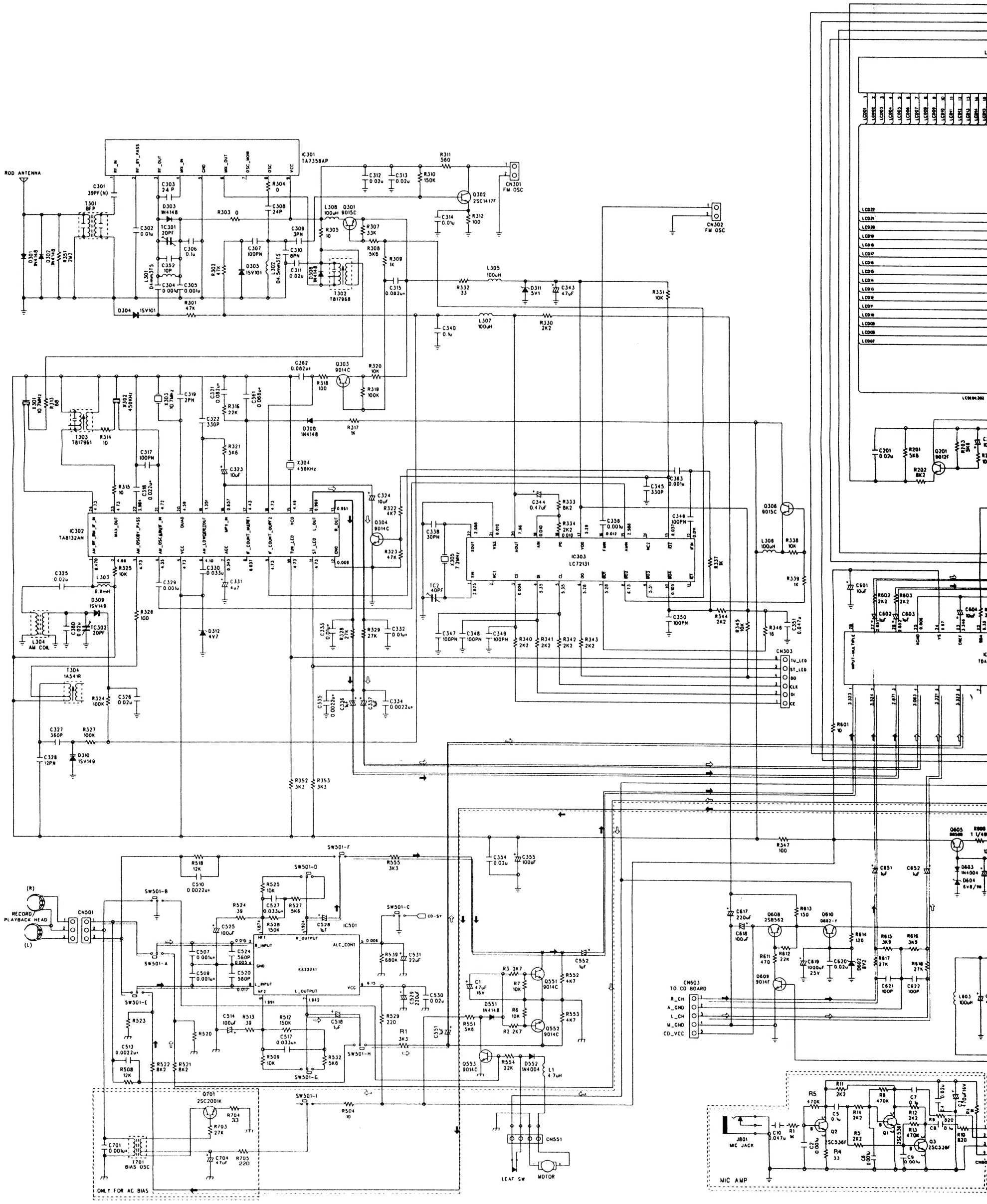
8. Schematic Diagram

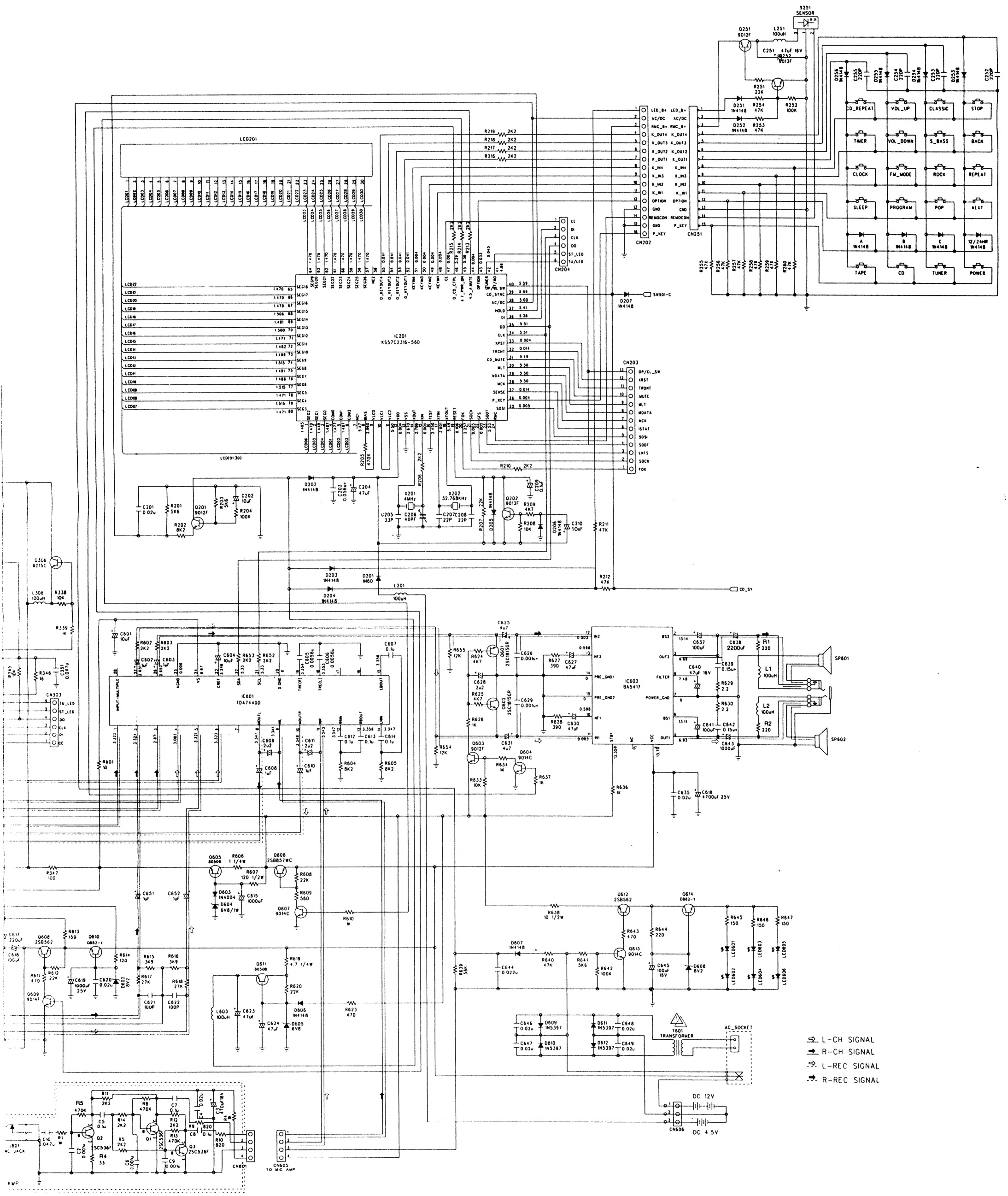
8-1 CD Part




L102 33uH R_CH_OUT
L101 33uH L_CH_OUT
A_GND
J102
C143 100uF
C142 0.01u
C141 100uF
IC104 LM7805
L103 33uH
MAIN_B+
MAIN_GND
J103
C152 0.01u
C150 0.01u
C151 100uF
R154 3K3
C154 0.047u
R155 3K3
C155 0.0015u
C157 27P
X101
16.9344MHz
C156 27P
D104 1N4148
D103 1N4148
J101
D102 1N4148
D101 1N4148
C162 100uF
L104 33uH
C161 0.01u
C160 0.01u
R144 100K
R143 8K2
C145 0.47uF
R142 1M
C144 0.033u
C146 0.1u
C147 0.1u
R145 150K
R147 100K
R148 12K
C148 0.47uF
C149 0.01u
R149 1K
C166 0.01u
IC102 KS9286
C159 0.01u
R124 47K
R125 120K
R126 100K
C120 0.068u
C121 10uF
C123 0.1u
C122 100uF
C167 3300uF
R157 2K2
R156 2K2
R158 2K2
R159 2K2
R146 2K2
R150 2K2
R151 2K2
R152 2K2
CN102
(20)FOK
(21)SQCK
(22)LKFS
(23)SQDT
(25)SOS1
(27)ISTAT
(28)MCK
(29)MDATA
(30)MLT
(31)MUTE
(32)TRCNT
(33)XRST
(40)OP/CL-SW
SERVO SIGNAL
AUDIO SIGNAL
5V LINE

8-2 MAIN Part


ROD ANTENNA
IC301 TA7358AP
IC302 TA8132AN
IC303 LC72131
IC501 KA22241
CN301 FM OSC
CN302 FM OSC
CN303
CN501
CN551
CN603 TO CD BOARD
RECORD/ PLAYBACK HEAD
LEAF SW
MOTOR
J801 MIC JACK
MIC AMP
ONLY FOR AC BIAS
AM COIL
BIAS OSC


LCD201
IC201
KS57C2316-560
IC601
TDA7440D
IC602
BA5417
CN202
CN203
CN204
CN251
CN303
CN606
CN605
TO MIC AMP
CN801
S251
SENSOR
Q251
9012F
L251
100uH
C251 47uF 16V
R251
22K
R252
100K
D251
1N4148
D252
1N4148
R254
47K
R253
47K
CD_REPEAT
VOL_UP
CLASSIC
STOP
TIMER
VOL_DOWN
S_BASS
BACK
CLOCK
FM_MODE
ROCK
REPEAT
SLEEP
PROGRAM
POP
NEAT
A
1N4148
B
1N4148
C
1N4148
12/24HR
1N4148
TAPE
CD
TUNER
POWER
R219 2K2
R218 2K2
R217 2K2
R216 2K2
R205
470K
R206
2K2
R210 2K2
X201
4MHz
X202
32.768KHz
C205
33P
C206
40PF
C207
22P
C208
22P
C209
0.1uF
C210
10uF
R211
47K
R212
47K
D202
1N4148
D203
1N4148
D204
1N4148
D201
1N60
L201
100uH
CD_SY
SW501-C
D207
1N4148
C201
0.02u
R201
5K6
R202
8K2
Q201
9012F
R203
5K6
C202
10uF
R204
100K
C203
0.056u
C204
47uF
D205
1N4148
R207
22K
Q202
9013F
R209
4K7
R208
10K
D206
1N4148
Q306
9015C
L306
100uH
R338
10K
R339
1K
R345
10K
R346
16
C351
0.047u
R347
100
C601
10uF
R602
2K2
R603
2K2
C602
1uF
C603
1uF
C604
10uF
R653
2K2
R652
2K2
C605
0.0056u
C606
0.0056u
C607
0.1u
C608
1uF
C609
2u2
C610
1uF
C611
2u2
C612
0.1u
C613
0.1u
C614
0.1u
R604
8K2
R605
8K2
R601
10
C625
4u7
R655
12K
R824
4K7
Q801
2SC1815GR
C626
0.001u
R627
390
C627
47uF
C628
2u2
R825
4K7
Q802
2SC1815GR
C629
0.001u
R828
390
C630
47uF
R626
1K
R654
12K
Q803
9012F
C631
4u7
R834
1K
Q804
9014C
R637
1K
R633
10K
R636
1K
C635
0.02u
C618
4700uF 25V
C637
100uF
C638
2200uF
C639
0.15u
C640
47uF 16V
R629
2.2
R630
2.2
C641
100uF
C642
0.15u
C643
1000uF
R1
220
L1
100uH
L2
100uH
R2
220
SP601
SP602
Q605
B0508
R606
1 1/4W
R607
120 1/2W
Q606
2SB857WC
R608
22K
R609
560
Q607
9014C
D603
1N4004
D604
6V8/1W
C615
1000uF
R610
1K
C651
1uF
C652
1uF
Q608
2SB562
Q610
D882-Y
R613
150
R614
120
R611
470
R612
22K
C619
1000uF 25V
C620
0.02u
D602
6V2
Q609
9014F
R615
3K9
R616
3K9
R617
27K
R618
27K
C621
100P
C622
100P
Q611
B0508
R619
4.7 1/4W
R620
22K
D606
1N4148
L603
100uH
C623
47uF
C624
47uF
D605
6V8
R623
470
Q612
2SB562
Q614
D882-Y
R638
10 1/2W
R643
470
R644
220
R639
56K
C644
0.022u
D607
1N4148
R640
47K
R641
5K6
R642
100K
Q613
9014C
C645
100uF 16V
D608
8V2
R645
150
R646
150
R647
150
LED601
LED602
LED603
LED604
LED605
LED606
C646
0.02u
C647
0.02u
D609
1N5397
D610
1N5397
D611
1N5397
D612
1N5397
C648
0.02u
C649
0.02u
T601
TRANSFORMER
AC_SOCKET
DC 12V
DC 4.5V
L-CH SIGNAL
R-CH SIGNAL
L-REC SIGNAL
R-REC SIGNAL
JB01
MIC JACK
AMP
R5
470K
R11
2K2
R14
2K2
R8
470K
R12
2K2
R13
470K
R9
820
R10
820
C5
0.1u
C7
0.1u
C8
0.1u
C9
0.001u
C10
0.047u
C11
47uF 16V
R1
1K
R4
33
Q1
2SC536F
Q2
2SC536F
Q3
2SC536F